

# RSL, LLC

# COMPUTER SIMULATION REPORT

## SCOPE OF WORK

PLASTPRO FIBERGLASS DOOR - NFRC SIMULATIONS TO DETERMINE U-FACTOR AND SOLAR HEAT GAIN COEFFICIENT

## REPORT NUMBER

M1810.03-116-45 R0

## TEST DATE

04/22/21

## ISSUE DATE

06/14/23

## RECORD RETENTION END DATE

04/22/26

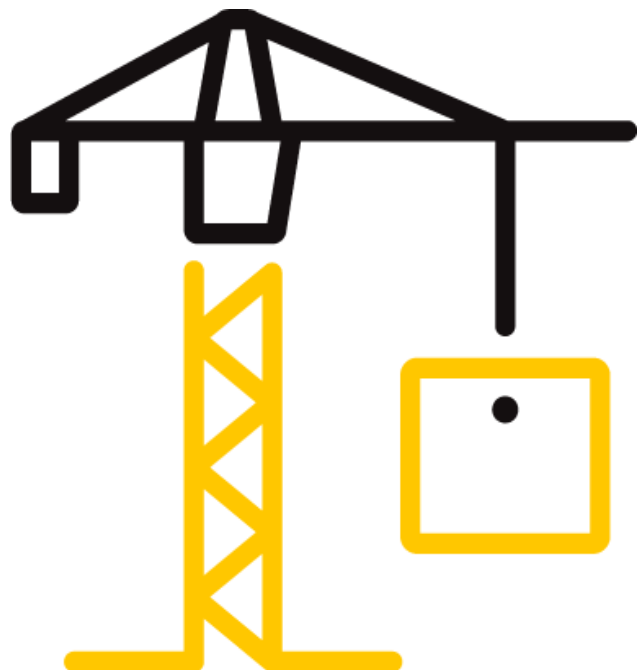
## PAGES

249

## DOCUMENT CONTROL NUMBER

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## TEST REPORT FOR RSL, LLC

Report No.: M1810.03-116-45 R0

Date: 06/14/23

### REPORT ISSUED TO

**RSL, LLC**

3092 English Creek Drive

Egg Harbor Township, New Jersey 08234-5245

### SECTION 1

#### SUMMARY

#### **SERIES/MODEL: Plastpro Fiberglass Door**

Intertek Building & Construction (Intertek B&C) was contracted to perform U-Factor, Solar Heat Gain Coefficient, and Visible Transmittance simulations in accordance with the National Fenestration Rating Council (NFRC).

Ratings values included in this report are for submittals to an NFRC-licensed IA and are not meant to be used directly for labeling purposes. Only those values identified on a valid Certification Authorization Report (CAR) by an NFRC accredited Inspection Agency (IA) are to be used for labeling purposes. The ratings values were rounded in accordance with NFRC 601, NFRC Unit and Measurement Policy.

Intertek B&C is an NFRC accredited simulation laboratory and all simulations were conducted in full compliance with NFRC approved procedures and specifications. The values included in this report are not considered in compliance with ANSI/NFRC 100 and ANSI/NFRC 200 unless the associated validation test requirements have been satisfied as applicable.

This report does not constitute certification of this product nor an opinion or endorsement by this laboratory.

For INTERTEK B&C:

**COMPLETED BY:** Dale C. White  
Simulation Technician  
**TITLE:** NFRC Certified Simulator  
**SIGNATURE:**  
**DATE:** 06/14/23

**REVIEWED BY:** Eric S. Leitner  
Simulation Technician  
**TITLE:** Team Leader, SIRC  
**SIGNATURE:**  
**DATE:** 06/14/23

DCW:dcw

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### SECTION 2

#### TEST METHODS

The products were evaluated in accordance with the following:

*ANSI/NFRC 100-2020, Procedure for Determining Fenestration Product U-Factors*

*ANSI/NFRC 200-2020, Procedure for Determining Fenestration Product Solar Heat Gain Coefficient and Visible Transmittance at Normal Incidence*

### SECTION 3

#### TEST PROCEDURE

The total product, including specific frame, spacer, and glass details, was modeled using NFRC approved software.

<b>FRAME AND EDGE MODELING</b>	THERM 7.4.4
<b>CENTER-OF-GLASS MODELING</b>	WINDOW 7.4.14
<b>TOTAL PRODUCT CALCULATIONS</b>	NFRC Approved Spreadsheet
<b>SPECTRAL DATA LIBRARY</b>	IGDB 92.0

#### Modeling Assumptions / Technical Interpretations

Any modeling assumptions and technical interpretations required to model this product are listed below.

- 1) To prevent air infiltration, tape was applied to all interior sash crack locations.
- 2) The NFRC default door frames, coming, and lite frames were used where applicable
- 3) The 3/16 x 5/8, and 3/16 x 13/16 muntins were grouped. 3/16 x 13/16 is the leader

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**SECTION 4**

**SIMULATION SPECIMEN DESCRIPTION**

<b>SERIES/MODEL</b>	Plastpro Fiberglass Door
<b>PRODUCT TYPE</b>	Swinging Door - Single Leaf Entrance Door
<b>FRAME MATERIAL</b>	WD - Wood
<b>SASH MATERIAL</b>	FF - Fiberglass w/ foam-filled insulation
<b>STANDARD SIZE</b>	960mm x 2090mm (37.75 in x 82.375 in)
<b>NFRC CPD NUMBER</b>	N/A

<b>SPACER OPTIONS</b>			
<i>TYPE</i>	<i>PRIMARY SEAL</i>	<i>SECONDARY SEAL</i>	<i>CODE</i>
Aluminum Single Seal Spacer	Butyl Rubber		A1-S
Aluminum Dual Seal Spacer	Butyl Rubber	Silicone	A1-D
Intercept Spacer	Butyl Rubber	Butyl Rubber	CU-D
Decoseal Spacer	Butyl Rubber		A5-S

<b>GRID OPTIONS</b>		
<i>GRID SIZE</i>	<i>GRID TYPE</i>	<i>GRID PATTERN</i>
0.188" x 0.625"	Aluminum Flat Grid (Painted)	NFRC Standard
0.188" x 0.813"	Aluminum Flat Grid (Painted)	NFRC Standard
0.445" x 1.125"	PVC SDL Bar	NFRC Standard

<b>REINFORCEMENT OPTIONS</b>	
<i>LOCATION</i>	<i>MATERIAL</i>
None	-

<b>GAS FILLING TECHNIQUE</b>	
<i>FILL TYPE</i>	<i>METHOD</i>
90% Argon	Single Probe

<b>EDGE-OF-GLASS CONSTRUCTION</b>	
<b>INTERIOR CONDITION</b>	Polypropylene or CPVC glazing bead with silicone
<b>EXTERIOR CONDITION</b>	Polypropylene or CPVC glazing bead with silicone

<b>WEATHERSTRIPPING</b>		
<i>TYPE</i>	<i>QUANTITY</i>	<i>LOCATION</i>
Foam Rubber Weatherstrip	1	Jamb and Head Frames

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### SECTION 4

#### SIMULATION SPECIMEN DESCRIPTION

FRAME/SASH MATERIALS FINISH	
<b>INTERIOR</b>	Fiberglass Panel
<b>EXTERIOR</b>	Fiberglass Panel

VALIDATION MATRIX*	
<i>PRODUCT LINE</i>	<i>REPORT NUMBER</i>

*\*These products are part of a validation matrix. Only one is required for validation testing.*

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**SECTION 5**

**SPECIALTY PRODUCTS TABLE**

The specialty products method allows the manufacturer to determine the overall product SHGC and VT for any glazing option. The center of glass SHGC and/or VT must be determined using WINDOW 7.4.14. This method gives overall product SHGC and VT indexed on center of glass properties. All values used in the calculations are truncated to six decimal place precision.

**1/4 Lite**

	<b>NO DIVIDERS</b>	<b>DIVIDERS &lt;1</b>	<b>DIVIDERS &gt;1</b>
<b>SHGC0</b>	0.007602	0.008043	0.008459
<b>SHGC1</b>	0.128681	0.115763	0.103545
<b>VT0</b>	0.000000	0.000000	0.000000
<b>VT1</b>	0.121079	0.107720	0.095086

**1/2 Lite**

	<b>NO DIVIDERS</b>	<b>DIVIDERS &lt;1</b>	<b>DIVIDERS &gt;1</b>
<b>SHGC0</b>	0.007162	0.008184	0.009134
<b>SHGC1</b>	0.242967	0.213028	0.185188
<b>VT0</b>	0.000000	0.000000	0.000000
<b>VT1</b>	0.235805	0.204844	0.176040

**3/4 Lite**

	<b>NO DIVIDERS</b>	<b>DIVIDERS &lt;1</b>	<b>DIVIDERS &gt;1</b>
<b>SHGC0</b>	0.006844	0.008212	0.009483
<b>SHGC1</b>	0.323468	0.283403	0.246138
<b>VT0</b>	0.000000	0.000000	0.000000
<b>VT1</b>	0.316623	0.275191	0.236654

**Full Lite**

	<b>NO DIVIDERS</b>	<b>DIVIDERS &lt;1</b>	<b>DIVIDERS &gt;1</b>
<b>SHGC0</b>	0.006427	0.008203	0.009861
<b>SHGC1</b>	0.430770	0.378712	0.330153
<b>VT0</b>	0.000000	0.000000	0.000000
<b>VT1</b>	0.424342	0.370508	0.320292

$$SHGC = SHGC0 + SHGCc (SHGC1 - SHGC0)$$

$$VT = VT0 + VTc (VT1 - VT0)$$

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### SECTION 5

#### SPECIALTY PRODUCTS TABLE

The specialty products method allows the manufacturer to determine the overall product SHGC and VT for any glazing option. The center of glass SHGC and/or VT must be determined using WINDOW 7.4.14. This method gives overall product SHGC and VT indexed on center of glass properties. All values used in the calculations are truncated to six decimal place precision.

##### *1/2 Lite BBG UP*

	NO DIVIDERS	DIVIDERS <1	DIVIDERS >1
SHGC0	0.009609		
SHGC1	0.210724		
VT0	0.000000		
VT1	0.201114		

##### *3/4 Lite BBG UP*

	NO DIVIDERS	DIVIDERS <1	DIVIDERS >1
SHGC0	0.009812		
SHGC1	0.284144		
VT0	0.000000		
VT1	0.274332		

##### *Full Lite BBG UP*

	NO DIVIDERS	DIVIDERS <1	DIVIDERS >1
SHGC0	0.006427		
SHGC1	0.430770		
VT0	0.000000		
VT1	0.424342		

	NO DIVIDERS	DIVIDERS <1	DIVIDERS >1
SHGC0			
SHGC1			
VT0			
VT1			

$$SHGC = SHGC0 + SHGCc (SHGC1 - SHGC0)$$

$$VT = VT0 + VTc (VT1 - VT0)$$

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**SECTION 6**

**SIMULATION RESULTS**

TOTAL PRODUCT CALCULATIONS (Plastpro Fiberglass Door)																					
Option Number	Description	Pane Thickness 1 (in.)	Low-e Pane 1	Gap Width 1 (in.)	Gap Fill 1	Pane Thickness 2 (in.)	Low-e Pane 2	Gap Width 2 (in.)	Gap Fill 2	Pane Thickness 3 (in.)	Low-e Pane 3	Tint	Spacer	Grid Type	U-Factor (Btu-in/hr-ft <sup>2</sup> -F)	SHGC - No Grids	VT - No Grids	SHGC - Grids < 1"	VT - Grids < 1"	SHGC - Grids > 1"	VT - Grids > 1"
1	1/4 Lite: CPVC Door Frame, Standard Door: CPVC Lite Frame: Clear / Air / Clear (3mm/3mm) 1/2" IG	0.123		0.250	AIR	0.123						OT	A1-S	N	0.22	0.10	0.10				
2	1/4 Lite: CPVC Door Frame, Standard Door: CPVC Lite Frame: Clear / Air / Clear (3mm/3mm) 9/16" IG	0.123		0.313	AIR	0.123						OT	A1-S	G	0.22			0.09	0.09		
3	1/4 Lite: CPVC Door Frame, Standard Door: CPVC Lite Frame: Clear / Air / Clear (3mm/3mm) 9/16" IG	0.123		0.313	AIR	0.123						CL	A1-S	S	0.22					0.08	0.08
4	1/4 Lite: CPVC Door Frame, Standard Door: CPVC Lite Frame: CS73 / Air / Clear (3mm/3mm) 1/2" IG	0.123	0.148(#2)	0.250	AIR	0.123						CL	A1-S	N	0.21	0.09	0.09				
5	1/4 Lite: CPVC Door Frame, Standard Door: CPVC Lite Frame: CS73 / Air / Clear (3mm/3mm) 9/16" IG	0.123	0.148(#2)	0.313	AIR	0.123						CL	A1-S	G	0.21			0.08	0.08		
6	1/4 Lite: CPVC Door Frame, Standard Door: CPVC Lite Frame: CS73 / Air / Clear (3mm/3mm) 9/16" IG	0.123	0.148(#2)	0.313	AIR	0.123						CL	A1-S	S	0.21					0.07	0.07
7	1/4 Lite: CPVC Door Frame, Standard Door: CPVC Lite Frame: Clear / Air / Clear (3mm/3mm) 1" IG	0.123		0.750	AIR	0.123						CL	A1-S	N,G	0.22	0.10	0.10	0.09	0.09		



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**SECTION 6**

**SIMULATION RESULTS**

TOTAL PRODUCT CALCULATIONS (Plastpro Fiberglass Door)																					
Option Number	Description	Pane Thickness 1 (in.)	Low-e Pane 1	Gap Width 1 (in.)	Gap Fill 1	Pane Thickness 2 (in.)	Low-e Pane 2	Gap Width 2 (in.)	Gap Fill 2	Pane Thickness 3 (in.)	Low-e Pane 3	Tint	Spacer	Grid Type	U-Factor (Btu-in/hr-ft <sup>2</sup> -F)	SHGC - No Grids	VT - No Grids	SHGC - Grids < 1"	VT - Grids < 1"	SHGC - Grids > 1"	VT - Grids > 1"
8	1/4 Lite: CPVC Door Frame, Standard Door: CPVC Lite Frame: Clear / Air / Clear (3mm/3mm) 1" IG	0.123		0.750	AIR	0.123						CL	A1-S	S	0.22					0.08	0.08
9	1/4 Lite: CPVC Door Frame, Standard Door: CPVC Lite Frame: CS73 / Air / Clear (3mm/3mm) 1" IG	0.123	0.148(#2)	0.750	AIR	0.123						CL	A1-S	N,G	0.20	0.09	0.09	0.08	0.08		
10	1/4 Lite: CPVC Door Frame, Standard Door: CPVC Lite Frame: CS73 / Air / Clear (3mm/3mm) 1" IG	0.123	0.148(#2)	0.750	AIR	0.123						CL	A1-S	S	0.20					0.07	0.07
11	1/4 Lite: CPVC Door Frame, Standard Door: Injection Lite Frame: Clear / Air / Clear (3mm/3mm) 1/2" IG	0.123		0.250	AIR	0.123						CL	CU-D	N	0.23	0.10	0.10				
12	1/4 Lite: CPVC Door Frame, Standard Door: Injection Lite Frame: Clear / Air / Clear (3mm/3mm) 9/16" IG	0.123		0.313	AIR	0.123						CL	CU-D	G	0.23			0.09	0.09		
13	1/4 Lite: CPVC Door Frame, Standard Door: Injection Lite Frame: E272 / Air / Clear (3mm/3mm) 1/2" IG	0.117	0.042(#2)	0.250	AIR	0.118						CL	CU-D	N	0.21	0.06	0.09				
14	1/4 Lite: CPVC Door Frame, Standard Door: Injection Lite Frame: E272 / Air / Clear (3mm/3mm) 9/16" IG	0.117	0.042(#2)	0.313	AIR	0.118						CL	CU-D	G	0.21			0.05	0.08		

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**SECTION 6**

**SIMULATION RESULTS**

TOTAL PRODUCT CALCULATIONS (Plastpro Fiberglass Door)																					
Option Number	Description	Pane Thickness 1 (in.)	Low-e Pane 1	Gap Width 1 (in.)	Gap Fill 1	Pane Thickness 2 (in.)	Low-e Pane 2	Gap Width 2 (in.)	Gap Fill 2	Pane Thickness 3 (in.)	Low-e Pane 3	Tint	Spacer	Grid Type	U-Factor (Btu-in/hr-ft <sup>2</sup> -F)	SHGC - No Grids	VT - No Grids	SHGC - Grids < 1"	VT - Grids < 1"	SHGC - Grids > 1"	VT - Grids > 1"
15	1/4 Lite: CPVC Door Frame, Standard Door: Injection Lite Frame: E272 / Argon / Clear (3mm/3mm) 1/2" IG	0.117	0.042(#2)	0.250	ARG90	0.118						CL	CU-D	N	0.20	0.06	0.09				
16	1/4 Lite: CPVC Door Frame, Standard Door: Injection Lite Frame: E272 / Argon / Clear (3mm/3mm) 9/16" IG	0.117	0.042(#2)	0.313	ARG90	0.118						CL	CU-D	G	0.20			0.05	0.08		
17	1/4 Lite: CPVC Door Frame, Standard Door: Injection Lite Frame: E272 / Air / Clear (3mm/3mm) 1" IG	0.117	0.042(#2)	0.750	AIR	0.118						CL	CU-D	N,G	0.20	0.06	0.09	0.05	0.08		
18	1/4 Lite: CPVC Door Frame, Standard Door: Injection Lite Frame: E272 / Argon / Clear (3mm/3mm) 1" IG	0.117	0.042(#2)	0.750	ARG90	0.118						CL	CU-D	N,G	0.20	0.06	0.09	0.05	0.08		
19	1/4 Lite: CPVC Door Frame, Standard Door: Injection Lite Frame: Lami / Air / Clear (3mm 090PVB 3mm/3mm) 1-7/32" IG	0.324		0.750	AIR	0.118						CL	A1-S	N,G	0.22	0.09	0.09	0.08	0.08		
20	1/4 Lite: CPVC Door Frame, Standard Door: Injection Lite Frame: Lami / Air / E272 (3mm 090PVB 3mm/3mm) 1-7/32" IG	0.324		0.750	AIR	0.117	0.042(#3)					CL	CU-D	N,G	0.20	0.06	0.08	0.06	0.07		

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**SECTION 6  
SIMULATION RESULTS**

TOTAL PRODUCT CALCULATIONS (Plastpro Fiberglass Door)																					
Option Number	Description	Pane Thickness 1 (in.)	Low-e Pane 1	Gap Width 1 (in.)	Gap Fill 1	Pane Thickness 2 (in.)	Low-e Pane 2	Gap Width 2 (in.)	Gap Fill 2	Pane Thickness 3 (in.)	Low-e Pane 3	Tint	Spacer	Grid Type	U-Factor (Btu-in/hr-ft <sup>2</sup> -F)	SHGC - No Grids	VT - No Grids	SHGC - Grids < 1"	VT - Grids < 1"	SHGC - Grids > 1"	VT - Grids > 1"
21	1/4 Lite: CPVC Door Frame, Standard Door: Injection Lite Frame: Lami / Air / ISE81-6 (3mm 090PVB 3mm/3mm) 1-7/32" IG	0.324		0.750	AIR	0.120	0.147(#3)					CL	A1-S	N,G	0.21	0.08	0.09	0.07	0.08		
22	1/4 Lite: CPVC Door Frame, Standard Door: Injection Lite Frame: Lami / Air / YEA (3mm 090PVB 3mm/3mm) 1-7/32" IG	0.324		0.750	AIR	0.126	0.162(#3)					CL	A1-S	N,G	0.21	0.08	0.09	0.07	0.08		
23	1/4 Lite: CPVC Door Frame, Standard Door: Impact Lite Frame: Lami / Air / Clear (3mm 090PVB 3mm/3mm) 1-7/32" IG	0.324		0.750	AIR	0.118						CL	A1-S	N,G	0.21	0.09	0.09	0.08	0.08		
24	1/4 Lite: CPVC Door Frame, Standard Door: Impact Lite Frame: Lami / Air / ISE81-6 (3mm 090PVB 3mm/3mm) 1-7/32" IG	0.324		0.750	AIR	0.120	0.147(#3)					CL	A1-S	N,G	0.20	0.08	0.09	0.07	0.08		
25	1/4 Lite: CPVC Door Frame, Standard Door: Impact Lite Frame: Lami / Air / CS73 (3mm 090PVB 3mm/3mm) 1-7/32" IG	0.324		0.750	AIR	0.123	0.148(#3)					CL	A1-S	N,G	0.20	0.08	0.09	0.08	0.08		

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SIMULATION RESULTS**

TOTAL PRODUCT CALCULATIONS (Plastpro Fiberglass Door)																					
Option Number	Description	Pane Thickness 1 (in.)	Low-e Pane 1	Gap Width 1 (in.)	Gap Fill 1	Pane Thickness 2 (in.)	Low-e Pane 2	Gap Width 2 (in.)	Gap Fill 2	Pane Thickness 3 (in.)	Low-e Pane 3	Tint	Spacer	Grid Type	U-Factor (Btu-in/hr-ft <sup>2</sup> -F)	SHGC - No Grids	VT - No Grids	SHGC - Grids < 1"	VT - Grids < 1"	SHGC - Grids > 1"	VT - Grids > 1"
26	1/4 Lite: CPVC Door Frame, Standard Door: Impact Lite Frame: Lami / Air / Deco / Air / Clear (3mm 090PVB 3mm/6mm)/3mm 1-7/32" IG	0.324		0.270	AIR	0.225		0.270	AIR	0.123		CL	A1-D	G	0.20			0.07	0.08		
27	1/4 Lite: CPVC Door Frame, Standard Door: Impact Lite Frame: Lami / Air / Deco / Air / Clear (3mm 090PVB 3mm/6mm)/3mm 1-7/32" IG	0.324		0.270	AIR	0.225		0.270	AIR	0.123		CL	A5-S	G	0.20			0.07	0.08		
28	1/4 Lite: CPVC Door Frame, Standard Door: Injection Lite Frame: Lami / Air / Clear (3mm 090PVB 3mm/3mm) 1" IG	0.324		0.550	AIR	0.118						CL	CU-D	N,G	0.22	0.09	0.09	0.08	0.08		
29	1/4 Lite: CPVC Door Frame, Standard Door: Injection Lite Frame: Lami / Air / E272 (3mm 090PVB 3mm/3mm) 1" IG	0.324		0.550	AIR	0.117	0.042(#3)					CL	CU-D	N,G	0.20	0.06	0.08	0.06	0.07		
30	1/4 Lite: CPVC Door Frame, Standard Door: Injection Lite Frame: Lami / Air / YEA (3mm 090PVB 3mm/3mm) 1" IG	0.324		0.550	AIR	0.126	0.162(#3)					CL	A1-S	N,G	0.21	0.08	0.09	0.08	0.08		

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**SECTION 6**

**SIMULATION RESULTS**

TOTAL PRODUCT CALCULATIONS (Plastpro Fiberglass Door)																					
Option Number	Description	Pane Thickness 1 (in.)	Low-e Pane 1	Gap Width 1 (in.)	Gap Fill 1	Pane Thickness 2 (in.)	Low-e Pane 2	Gap Width 2 (in.)	Gap Fill 2	Pane Thickness 3 (in.)	Low-e Pane 3	Tint	Spacer	Grid Type	U-Factor (Btu-in/hr-ft <sup>2</sup> -F)	SHGC - No Grids	VT - No Grids	SHGC - Grids < 1"	VT - Grids < 1"	SHGC - Grids > 1"	VT - Grids > 1"
31	1/4 Lite: CPVC Door Frame, Standard Door: Injection Lite Frame: Lami / Air / ISE81-6 (3mm 090PVB 3mm/3mm) 1" IG	0.324		0.550	AIR	0.120	0.147(#3)					CL	A1-S	N,G	0.21	0.08	0.09	0.07	0.08		
32	1/4 Lite: CPVC Door Frame, Standard Door: Injection Lite Frame: Clear / Air / Deco / Air / Clear (3mm/6mm/3mm) 1" IG	0.123		0.270	AIR	0.225		0.270	AIR	0.123		CL	A1-D	G	0.21			0.08	0.08		
33	1/4 Lite: CPVC Door Frame, Standard Door: Injection Lite Frame: Clear / Air / Deco / Air / Clear (3mm/6mm/3mm) 1" IG	0.123		0.270	AIR	0.225		0.270	AIR	0.123		CL	A5-S	G	0.21			0.08	0.08		
34	1/2 Lite: CPVC Door Frame, Standard Door: CPVC Lite Frame: Clear / Air / Clear (3mm/3mm) 1/2" IG	0.123		0.250	AIR	0.123						CL	A1-S	N	0.28	0.19	0.19				
35	1/2 Lite: CPVC Door Frame, Standard Door: CPVC Lite Frame: Clear / Air / Clear (3mm/3mm) 9/16" IG	0.123		0.313	AIR	0.123						OT	A1-S	G	0.27			0.17	0.17		
36	1/2 Lite: CPVC Door Frame, Standard Door: CPVC Lite Frame: Clear / Air / Clear (3mm/3mm) 9/16" IG	0.123		0.313	AIR	0.123						CL	A1-S	S	0.27					0.15	0.14

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**SECTION 6**

**SIMULATION RESULTS**

TOTAL PRODUCT CALCULATIONS (Plastpro Fiberglass Door)																					
Option Number	Description	Pane Thickness 1 (in.)	Low-e Pane 1	Gap Width 1 (in.)	Gap Fill 1	Pane Thickness 2 (in.)	Low-e Pane 2	Gap Width 2 (in.)	Gap Fill 2	Pane Thickness 3 (in.)	Low-e Pane 3	Tint	Spacer	Grid Type	U-Factor (Btu-in/hr-ft <sup>2</sup> -F)	SHGC - No Grids	VT - No Grids	SHGC - Grids < 1"	VT - Grids < 1"	SHGC - Grids > 1"	VT - Grids > 1"
37	1/2 Lite: CPVC Door Frame, Standard Door: CPVC Lite Frame: CS73 / Air / Clear (3mm/3mm) 1/2" IG	0.123	0.148(#2)	0.250	AIR	0.123						CL	A1-S	N	0.25	0.16	0.18				
38	1/2 Lite: CPVC Door Frame, Standard Door: CPVC Lite Frame: CS73 / Air / Clear (3mm/3mm) 9/16" IG	0.123	0.148(#2)	0.313	AIR	0.123						CL	A1-S	G	0.25			0.14	0.15		
39	1/2 Lite: CPVC Door Frame, Standard Door: CPVC Lite Frame: CS73 / Air / Clear (3mm/3mm) 9/16" IG	0.123	0.148(#2)	0.313	AIR	0.123						CL	A1-S	S	0.25					0.12	0.13
40	1/2 Lite: CPVC Door Frame, Standard Door: CPVC Lite Frame: Clear / Air / Clear (3mm/3mm) 1" IG	0.123		0.750	AIR	0.123						CL	A1-S	N,G	0.26	0.19	0.19	0.17	0.17		
41	1/2 Lite: CPVC Door Frame, Standard Door: CPVC Lite Frame: Clear / Air / Clear (3mm/3mm) 1" IG	0.123		0.750	AIR	0.123						CL	A1-S	S	0.26					0.15	0.14
42	1/2 Lite: CPVC Door Frame, Standard Door: CPVC Lite Frame: CS73 / Air / Clear (3mm/3mm) 1" IG	0.123	0.148(#2)	0.750	AIR	0.123						CL	A1-S	N,G	0.23	0.16	0.18	0.14	0.15		
43	1/2 Lite: CPVC Door Frame, Standard Door: CPVC Lite Frame: CS73 / Air / Clear (3mm/3mm) 1" IG	0.123	0.148(#2)	0.750	AIR	0.123						CL	A1-S	S	0.23					0.12	0.13

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**SIMULATION RESULTS**

TOTAL PRODUCT CALCULATIONS (Plastpro Fiberglass Door)																					
Option Number	Description	Pane Thickness 1 (in.)	Low-e Pane 1	Gap Width 1 (in.)	Gap Fill 1	Pane Thickness 2 (in.)	Low-e Pane 2	Gap Width 2 (in.)	Gap Fill 2	Pane Thickness 3 (in.)	Low-e Pane 3	Tint	Spacer	Grid Type	U-Factor (Btu-in/hr-ft <sup>2</sup> -F)	SHGC - No Grids	VT - No Grids	SHGC - Grids < 1"	VT - Grids < 1"	SHGC - Grids > 1"	VT - Grids > 1"
44	1/2 Lite: CPVC Door Frame, Standard Door: Injection Lite Frame: Clear / Air / Clear (3mm/3mm) 1/2" IG	0.123		0.250	AIR	0.123						CL	CU-D	N	0.28	0.19	0.19				
45	1/2 Lite: CPVC Door Frame, Standard Door: Injection Lite Frame: Clear / Air / Clear (3mm/3mm) 9/16" IG	0.123		0.313	AIR	0.123						CL	CU-D	G	0.28			0.17	0.17		
46	1/2 Lite: CPVC Door Frame, Standard Door: Injection Lite Frame: E272 / Air / Clear (3mm/3mm) 1/2" IG	0.117	0.042(#2)	0.250	AIR	0.118						CL	CU-D	N	0.25	0.11	0.17				
47	1/2 Lite: CPVC Door Frame, Standard Door: Injection Lite Frame: E272 / Air / Clear (3mm/3mm) 9/16" IG	0.117	0.042(#2)	0.313	AIR	0.118						CL	CU-D	G	0.25			0.09	0.15		
48	1/2 Lite: CPVC Door Frame, Standard Door: Injection Lite Frame: E272 / Argon / Clear (3mm/3mm) 1/2" IG	0.117	0.042(#2)	0.250	ARG90	0.118						CL	CU-D	N	0.24	0.11	0.17				
49	1/2 Lite: CPVC Door Frame, Standard Door: Injection Lite Frame: E272 / Argon / Clear (3mm/3mm) 9/16" IG	0.117	0.042(#2)	0.313	ARG90	0.118						CL	CU-D	G	0.23			0.09	0.15		
50	1/2 Lite: CPVC Door Frame, Standard Door: Injection Lite Frame: E272 / Air / Clear (3mm/3mm) 1" IG	0.117	0.042(#2)	0.750	AIR	0.118						CL	CU-D	N,G	0.23	0.10	0.17	0.09	0.15		

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**SIMULATION RESULTS**

TOTAL PRODUCT CALCULATIONS (Plastpro Fiberglass Door)																					
Option Number	Description	Pane Thickness 1 (in.)	Low-e Pane 1	Gap Width 1 (in.)	Gap Fill 1	Pane Thickness 2 (in.)	Low-e Pane 2	Gap Width 2 (in.)	Gap Fill 2	Pane Thickness 3 (in.)	Low-e Pane 3	Tint	Spacer	Grid Type	U-Factor (Btu-in/hr-ft <sup>2</sup> -F)	SHGC - No Grids	VT - No Grids	SHGC - Grids < 1"	VT - Grids < 1"	SHGC - Grids > 1"	VT - Grids > 1"
51	1/2 Lite: CPVC Door Frame, Standard Door: Injection Lite Frame: E272 / Argon / Clear (3mm/3mm) 1" IG	0.117	0.042(#2)	0.750	ARG90	0.118						CL	CU-D	N,G	0.22	0.10	0.17	0.09	0.15		
52	1/2 Lite: CPVC Door Frame, Standard Door: Injection Lite Frame: Lami / Air / Clear (3mm 090PVB 3mm/3mm) 1-7/32" IG	0.324		0.750	AIR	0.118						CL	A1-S	N,G	0.27	0.16	0.18	0.14	0.16		
53	1/2 Lite: CPVC Door Frame, Standard Door: Injection Lite Frame: Lami / Air / E272 (3mm 090PVB 3mm/3mm) 1-7/32" IG	0.324		0.750	AIR	0.117	0.042(#3)					CL	CU-D	N,G	0.23	0.11	0.16	0.10	0.14		
54	1/2 Lite: CPVC Door Frame, Standard Door: Injection Lite Frame: Lami / Air / ISE81-6 (3mm 090PVB 3mm/3mm) 1-7/32" IG	0.324		0.750	AIR	0.120	0.147(#3)					CL	A1-S	N,G	0.24	0.15	0.17	0.13	0.15		
55	1/2 Lite: CPVC Door Frame, Standard Door: Injection Lite Frame: Lami / Air / YEA (3mm 090PVB 3mm/3mm) 1-7/32" IG	0.324		0.750	AIR	0.126	0.162(#3)					CL	A1-S	N,G	0.24	0.15	0.17	0.14	0.15		



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TOTAL PRODUCT CALCULATIONS (Plastpro Fiberglass Door)																					
Option Number	Description	Pane Thickness 1 (in.)	Low-e Pane 1	Gap Width 1 (in.)	Gap Fill 1	Pane Thickness 2 (in.)	Low-e Pane 2	Gap Width 2 (in.)	Gap Fill 2	Pane Thickness 3 (in.)	Low-e Pane 3	Tint	Spacer	Grid Type	U-Factor (Btu-in/hr-ft <sup>2</sup> -F)	SHGC - No Grids	VT - No Grids	SHGC - Grids < 1"	VT - Grids < 1"	SHGC - Grids > 1"	VT - Grids > 1"
56	1/2 Lite: CPVC Door Frame, Standard Door: Injection Lite Frame: Lami / Air / Clear (3mm 090PVB 3mm/3mm) BBG 1-7/32" IG	0.324		0.750	AIR	0.118						CL	A1-D	N	0.28	0.14	0.16				
57	1/2 Lite: CPVC Door Frame, Standard Door: Injection Lite Frame: Lami / Air / S83 (3mm 090PVB 3mm/3mm) BBG 1-7/32" IG	0.324		0.750	AIR	0.124	0.103(#3)					CL	A1-D	N	0.25	0.13	0.15				
58	1/2 Lite: CPVC Door Frame, Standard Door: Impact Lite Frame: Lami / Air / Clear (3mm 090PVB 3mm/3mm) 1-7/32" IG	0.324		0.750	AIR	0.118						CL	A1-S	N,G	0.26	0.16	0.18	0.14	0.16		
59	1/2 Lite: CPVC Door Frame, Standard Door: Impact Lite Frame: Lami / Air / ISE81-6 (3mm 090PVB 3mm/3mm) 1-7/32" IG	0.324		0.750	AIR	0.120	0.147(#3)					CL	A1-S	N,G	0.23	0.15	0.17	0.13	0.15		
60	1/2 Lite: CPVC Door Frame, Standard Door: Impact Lite Frame: Lami / Air / CS73 (3mm 090PVB 3mm/3mm) 1-7/32" IG	0.324		0.750	AIR	0.123	0.148(#3)					CL	A1-S	N,G	0.23	0.15	0.17	0.14	0.14		

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TOTAL PRODUCT CALCULATIONS (Plastpro Fiberglass Door)																					
Option Number	Description	Pane Thickness 1 (in.)	Low-e Pane 1	Gap Width 1 (in.)	Gap Fill 1	Pane Thickness 2 (in.)	Low-e Pane 2	Gap Width 2 (in.)	Gap Fill 2	Pane Thickness 3 (in.)	Low-e Pane 3	Tint	Spacer	Grid Type	U-Factor (Btu-in/hr-ft <sup>2</sup> -F)	SHGC - No Grids	VT - No Grids	SHGC - Grids < 1"	VT - Grids < 1"	SHGC - Grids > 1"	VT - Grids > 1"
61	1/2 Lite: CPVC Door Frame, Standard Door: Impact Lite Frame: Lami / Air / Deco / Air / Clear (3mm 090PVB 3mm/6mm)/3mm 1-7/32" IG	0.324		0.270	AIR	0.225		0.270	AIR	0.123		CL	A1-D	G	0.23			0.13	0.14		
62	1/2 Lite: CPVC Door Frame, Standard Door: Impact Lite Frame: Lami / Air / Deco / Air / Clear (3mm 090PVB 3mm/6mm)/3mm 1-7/32" IG	0.324		0.270	AIR	0.225		0.270	AIR	0.123		CL	A5-S	G	0.23			0.13	0.14		
63	1/2 Lite: CPVC Door Frame, Standard Door: Impact Lite Frame: Lami / Air / Clear (3mm 090PVB 3mm/3mm) BBG 1-7/32" IG	0.324		0.750	AIR	0.118						CL	A1-D	N	0.27	0.14	0.16				
64	1/2 Lite: CPVC Door Frame, Standard Door: Impact Lite Frame: Lami / Air / S83 (3mm 090PVB 3mm/3mm) BBG 1-7/32" IG	0.324		0.750	AIR	0.124	0.103(#3)					CL	A1-D	N	0.24	0.13	0.15				
65	1/2 Lite: CPVC Door Frame, Standard Door: Injection Lite Frame: Lami / Air / Clear (3mm 090PVB 3mm/3mm) 1" IG	0.324		0.550	AIR	0.118						CL	CU-D	N,G	0.26	0.16	0.18	0.14	0.16		

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**SIMULATION RESULTS**

TOTAL PRODUCT CALCULATIONS (Plastpro Fiberglass Door)																					
Option Number	Description	Pane Thickness 1 (in.)	Low-e Pane 1	Gap Width 1 (in.)	Gap Fill 1	Pane Thickness 2 (in.)	Low-e Pane 2	Gap Width 2 (in.)	Gap Fill 2	Pane Thickness 3 (in.)	Low-e Pane 3	Tint	Spacer	Grid Type	U-Factor (Btu-in/hr-ft <sup>2</sup> -F)	SHGC - No Grids	VT - No Grids	SHGC - Grids < 1"	VT - Grids < 1"	SHGC - Grids > 1"	VT - Grids > 1"
66	1/2 Lite: CPVC Door Frame, Standard Door: Injection Lite Frame: Lami / Air / E272 (3mm 090PVB 3mm/3mm) 1" IG	0.324		0.550	AIR	0.117	0.042(#3)					CL	CU-D	N,G	0.22	0.11	0.16	0.10	0.14		
67	1/2 Lite: CPVC Door Frame, Standard Door: Injection Lite Frame: Lami / Air / YEA (3mm 090PVB 3mm/3mm) 1" IG	0.324		0.550	AIR	0.126	0.162(#3)					CL	A1-S	N,G	0.24	0.15	0.17	0.14	0.15		
68	1/2 Lite: CPVC Door Frame, Standard Door: Injection Lite Frame: Lami / Air / ISE81-6 (3mm 090PVB 3mm/3mm) 1" IG	0.324		0.550	AIR	0.120	0.147(#3)					CL	A1-S	N,G	0.24	0.15	0.17	0.13	0.15		
69	1/2 Lite: CPVC Door Frame, Standard Door: Injection Lite Frame: Clear / Air / Deco / Air / Clear (3mm/6mm/3mm) 1" IG	0.123		0.270	AIR	0.225		0.270	AIR	0.123		CL	A1-D	G	0.25			0.15	0.15		
70	1/2 Lite: CPVC Door Frame, Standard Door: Injection Lite Frame: Clear / Air / Deco / Air / Clear (3mm/6mm/3mm) 1" IG	0.123		0.270	AIR	0.225		0.270	AIR	0.123		CL	A5-S	G	0.24			0.15	0.15		
71	1/2 Lite: CPVC Door Frame, Standard Door: Injection Lite Frame: Clear / Air / Clear (3mm/3mm) BBG 1" IG	0.123		0.750	AIR	0.123						CL	A1-D	N	0.29	0.17	0.17				

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TOTAL PRODUCT CALCULATIONS (Plastpro Fiberglass Door)																					
Option Number	Description	Pane Thickness 1 (in.)	Low-e Pane 1	Gap Width 1 (in.)	Gap Fill 1	Pane Thickness 2 (in.)	Low-e Pane 2	Gap Width 2 (in.)	Gap Fill 2	Pane Thickness 3 (in.)	Low-e Pane 3	Tint	Spacer	Grid Type	U-Factor (Btu-in/hr-ft <sup>2</sup> -F)	SHGC - No Grids	VT - No Grids	SHGC - Grids < 1"	VT - Grids < 1"	SHGC - Grids > 1"	VT - Grids > 1"
72	1/2 Lite: CPVC Door Frame, Standard Door: Injection Lite Frame: S83 / Air / Clear (3mm 3mm) BBG 1" IG	0.124	0.103(#2)	0.750	AIR	0.123						CL	A1-D	N	0.26	0.13	0.16				
73	3/4 Lite: CPVC Door Frame, Standard Door: CPVC Lite Frame: Clear / Air / Clear (3mm/3mm) 1/2" IG	0.123		0.250	AIR	0.123						CL	A1-S	N	0.31	0.26	0.26				
74	3/4 Lite: CPVC Door Frame, Standard Door: CPVC Lite Frame: Clear / Air / Clear (3mm/3mm) 9/16" IG	0.123		0.313	AIR	0.123						CL	A1-S	G	0.31			0.22	0.23		
75	3/4 Lite: CPVC Door Frame, Standard Door: CPVC Lite Frame: Clear / Air / Clear (3mm/3mm) 9/16" IG	0.123		0.313	AIR	0.123						CL	A1-S	S	0.31					0.20	0.19
76	3/4 Lite: CPVC Door Frame, Standard Door: CPVC Lite Frame: CS73 / Air / Clear (3mm/3mm) 1/2" IG	0.123	0.148(#2)	0.250	AIR	0.123						CL	A1-S	N	0.28	0.21	0.24				
77	3/4 Lite: CPVC Door Frame, Standard Door: CPVC Lite Frame: CS73 / Air / Clear (3mm/3mm) 9/16" IG	0.123	0.148(#2)	0.313	AIR	0.123						CL	A1-S	G	0.27			0.19	0.20		
78	3/4 Lite: CPVC Door Frame, Standard Door: CPVC Lite Frame: CS73 / Air / Clear (3mm/3mm) 9/16" IG	0.123	0.148(#2)	0.313	AIR	0.123						CL	A1-S	S	0.27					0.16	0.18

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TOTAL PRODUCT CALCULATIONS (Plastpro Fiberglass Door)																					
Option Number	Description	Pane Thickness 1 (in.)	Low-e Pane 1	Gap Width 1 (in.)	Gap Fill 1	Pane Thickness 2 (in.)	Low-e Pane 2	Gap Width 2 (in.)	Gap Fill 2	Pane Thickness 3 (in.)	Low-e Pane 3	Tint	Spacer	Grid Type	U-Factor (Btu-in/hr-ft <sup>2</sup> -F)	SHGC - No Grids	VT - No Grids	SHGC - Grids < 1"	VT - Grids < 1"	SHGC - Grids > 1"	VT - Grids > 1"
79	3/4 Lite: CPVC Door Frame, Standard Door: CPVC Lite Frame: Clear / Air / Clear (3mm/3mm) 1" IG	0.123		0.750	AIR	0.123						CL	A1-S	N,G	0.29	0.26	0.26	0.22	0.23		
80	3/4 Lite: CPVC Door Frame, Standard Door: CPVC Lite Frame: Clear / Air / Clear (3mm/3mm) 1" IG	0.123		0.750	AIR	0.123						CL	A1-S	S	0.29					0.20	0.19
81	3/4 Lite: CPVC Door Frame, Standard Door: CPVC Lite Frame: CS73 / Air / Clear (3mm/3mm) 1" IG	0.123	0.148(#2)	0.750	AIR	0.123						CL	A1-S	N,G	0.25	0.21	0.24	0.19	0.20		
82	3/4 Lite: CPVC Door Frame, Standard Door: CPVC Lite Frame: CS73 / Air / Clear (3mm/3mm) 1" IG	0.123	0.148(#2)	0.750	AIR	0.123						CL	A1-S	S	0.25					0.16	0.18
83	3/4 Lite: CPVC Door Frame, Standard Door: Injection Lite Frame: Clear / Air / Clear (3mm/3mm) 1/2" IG	0.123		0.250	AIR	0.123						CL	CU-D	N	0.32	0.26	0.26				
84	3/4 Lite: CPVC Door Frame, Standard Door: Injection Lite Frame: Clear / Air / Clear (3mm/3mm) 9/16" IG	0.123		0.313	AIR	0.123						CL	CU-D	G	0.32			0.22	0.23		
85	3/4 Lite: CPVC Door Frame, Standard Door: Injection Lite Frame: E272 / Air / Clear (3mm/3mm) 1/2" IG	0.117	0.042(#2)	0.250	AIR	0.118						CL	CU-D	N	0.28	0.14	0.23				

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TOTAL PRODUCT CALCULATIONS (Plastpro Fiberglass Door)																					
Option Number	Description	Pane Thickness 1 (in.)	Low-e Pane 1	Gap Width 1 (in.)	Gap Fill 1	Pane Thickness 2 (in.)	Low-e Pane 2	Gap Width 2 (in.)	Gap Fill 2	Pane Thickness 3 (in.)	Low-e Pane 3	Tint	Spacer	Grid Type	U-Factor (Btu-in/hr-ft <sup>2</sup> -F)	SHGC - No Grids	VT - No Grids	SHGC - Grids < 1"	VT - Grids < 1"	SHGC - Grids > 1"	VT - Grids > 1"
86	3/4 Lite: CPVC Door Frame, Standard Door: Injection Lite Frame: E272 / Air / Clear (3mm/3mm) 9/16" IG	0.117	0.042(#2)	0.313	AIR	0.118						CL	CU-D	G	0.27			0.12	0.20		
87	3/4 Lite: CPVC Door Frame, Standard Door: Injection Lite Frame: E272 / Argon / Clear (3mm/3mm) 1/2" IG	0.117	0.042(#2)	0.250	ARG90	0.118						CL	CU-D	N	0.26	0.14	0.23				
88	3/4 Lite: CPVC Door Frame, Standard Door: Injection Lite Frame: E272 / Argon / Clear (3mm/3mm) 9/16" IG	0.117	0.042(#2)	0.313	ARG90	0.118						CL	CU-D	G	0.25			0.12	0.20		
89	3/4 Lite: CPVC Door Frame, Standard Door: Injection Lite Frame: E272 / Air / Clear (3mm/3mm) 1" IG	0.117	0.042(#2)	0.750	AIR	0.118						CL	CU-D	N,G	0.25	0.14	0.23	0.12	0.20		
90	3/4 Lite: CPVC Door Frame, Standard Door: Injection Lite Frame: E272 / Argon / Clear (3mm/3mm) 1" IG	0.117	0.042(#2)	0.750	ARG90	0.118						CL	CU-D	N,G	0.23	0.14	0.23	0.12	0.20		
91	3/4 Lite: CPVC Door Frame, Standard Door: Injection Lite Frame: Lami / Air / Clear (3mm 090PVB 3mm/3mm) 1-7/32" IG	0.324		0.750	AIR	0.118						CL	A1-S	N,G	0.30	0.22	0.25	0.19	0.22		

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Option Number	Description	Pane Thickness 1 (in.)	Low-e Pane 1	Gap Width 1 (in.)	Gap Fill 1	Pane Thickness 2 (in.)	Low-e Pane 2	Gap Width 2 (in.)	Gap Fill 2	Pane Thickness 3 (in.)	Low-e Pane 3	Tint	Spacer	Grid Type	U-Factor (Btu-in/hr-ft <sup>2</sup> -F)	SHGC - No Grids	VT - No Grids	SHGC - Grids < 1"	VT - Grids < 1"	SHGC - Grids > 1"	VT - Grids > 1"
92	3/4 Lite: CPVC Door Frame, Standard Door: Injection Lite Frame: Lami / Air / E272 (3mm 090PVB 3mm/3mm) 1-7/32" IG	0.324		0.750	AIR	0.117	0.042(#3)					CL	CU-D	N,G	0.25	0.15	0.22	0.13	0.19		
93	3/4 Lite: CPVC Door Frame, Standard Door: Injection Lite Frame: Lami / Air / ISE81-6 (3mm 090PVB 3mm/3mm) 1-7/32" IG	0.324		0.750	AIR	0.120	0.147(#3)					CL	A1-S	N,G	0.26	0.19	0.22	0.17	0.19		
94	3/4 Lite: CPVC Door Frame, Standard Door: Injection Lite Frame: Lami / Air / YEA (3mm 090PVB 3mm/3mm) 1-7/32" IG	0.324		0.750	AIR	0.126	0.162(#3)					CL	A1-S	N,G	0.26	0.20	0.23	0.18	0.20		
95	3/4 Lite: CPVC Door Frame, Standard Door: Injection Lite Frame: Lami / Air / Clear (3mm 090PVB 3mm/3mm) BBG 1-7/32" IG	0.324		0.750	AIR	0.118						CL	A1-D	N	0.32	0.19	0.21				
96	3/4 Lite: CPVC Door Frame, Standard Door: Injection Lite Frame: Lami / Air / S83 (3mm 090PVB 3mm/3mm) BBG 1-7/32" IG	0.324		0.750	AIR	0.124	0.103(#3)					CL	A1-D	N	0.28	0.17	0.20				

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TOTAL PRODUCT CALCULATIONS (Plastpro Fiberglass Door)																					
Option Number	Description	Pane Thickness 1 (in.)	Low-e Pane 1	Gap Width 1 (in.)	Gap Fill 1	Pane Thickness 2 (in.)	Low-e Pane 2	Gap Width 2 (in.)	Gap Fill 2	Pane Thickness 3 (in.)	Low-e Pane 3	Tint	Spacer	Grid Type	U-Factor (Btu-in/hr-ft <sup>2</sup> -F)	SHGC - No Grids	VT - No Grids	SHGC - Grids < 1"	VT - Grids < 1"	SHGC - Grids > 1"	VT - Grids > 1"
97	3/4 Lite: CPVC Door Frame, Standard Door: Impact Lite Frame: Lami / Air / Clear (3mm 090PVB 3mm/3mm) 1-7/32" IG	0.324		0.750	AIR	0.118						CL	A1-S	N,G	0.29	0.22	0.25	0.19	0.22		
98	3/4 Lite: CPVC Door Frame, Standard Door: Impact Lite Frame: Lami / Air / ISE81-6 (3mm 090PVB 3mm/3mm) 1-7/32" IG	0.324		0.750	AIR	0.120	0.147(#3)					CL	A1-S	N,G	0.25	0.19	0.22	0.17	0.19		
99	3/4 Lite: CPVC Door Frame, Standard Door: Impact Lite Frame: Lami / Air / CS73 (3mm 090PVB 3mm/3mm) 1-7/32" IG	0.324		0.750	AIR	0.123	0.148(#3)					CL	A1-S	N,G	0.25	0.20	0.22	0.18	0.19		
100	3/4 Lite: CPVC Door Frame, Standard Door: Impact Lite Frame: Lami / Air / Deco / Air / Clear (3mm 090PVB 3mm/6mm)/3mm 1-7/32" IG	0.324		0.270	AIR	0.225		0.270	AIR	0.123		CL	A1-D	G	0.25			0.17	0.19		
101	3/4 Lite: CPVC Door Frame, Standard Door: Impact Lite Frame: Lami / Air / Deco / Air / Clear (3mm 090PVB 3mm/6mm)/3mm 1-7/32" IG	0.324		0.270	AIR	0.225		0.270	AIR	0.123		CL	A5-S	G	0.25			0.17	0.19		



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TOTAL PRODUCT CALCULATIONS (Plastpro Fiberglass Door)																					
Option Number	Description	Pane Thickness 1 (in.)	Low-e Pane 1	Gap Width 1 (in.)	Gap Fill 1	Pane Thickness 2 (in.)	Low-e Pane 2	Gap Width 2 (in.)	Gap Fill 2	Pane Thickness 3 (in.)	Low-e Pane 3	Tint	Spacer	Grid Type	U-Factor (Btu-in/hr-ft <sup>2</sup> -F)	SHGC - No Grids	VT - No Grids	SHGC - Grids < 1"	VT - Grids < 1"	SHGC - Grids > 1"	VT - Grids > 1"
102	3/4 Lite: CPVC Door Frame, Standard Door: Impact Lite Frame: Lami / Air / Clear (3mm 090PVB 3mm/3mm) BBG 1-7/32" IG	0.324		0.750	AIR	0.118						CL	A1-D	N	0.30	0.19	0.21				
103	3/4 Lite: CPVC Door Frame, Standard Door: Impact Lite Frame: Lami / Air / S83 (3mm 090PVB 3mm/3mm) BBG 1-7/32" IG	0.324		0.750	AIR	0.124	0.103(#3)					CL	A1-D	N	0.26	0.17	0.20				
104	3/4 Lite: CPVC Door Frame, Standard Door: Injection Lite Frame: Lami / Air / Clear (3mm 090PVB 3mm/3mm) 1" IG	0.324		0.550	AIR	0.118						CL	CU-D	N,G	0.29	0.22	0.25	0.19	0.22		
105	3/4 Lite: CPVC Door Frame, Standard Door: Injection Lite Frame: Lami / Air / E272 (3mm 090PVB 3mm/3mm) 1" IG	0.324		0.550	AIR	0.117	0.042(#3)					CL	CU-D	N,G	0.24	0.15	0.22	0.13	0.19		
106	3/4 Lite: CPVC Door Frame, Standard Door: Injection Lite Frame: Lami / Air / YEA (3mm 090PVB 3mm/3mm) 1" IG	0.324		0.550	AIR	0.126	0.162(#3)					CL	A1-S	N,G	0.26	0.20	0.23	0.18	0.20		

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**SIMULATION RESULTS**

TOTAL PRODUCT CALCULATIONS (Plastpro Fiberglass Door)																					
Option Number	Description	Pane Thickness 1 (in.)	Low-e Pane 1	Gap Width 1 (in.)	Gap Fill 1	Pane Thickness 2 (in.)	Low-e Pane 2	Gap Width 2 (in.)	Gap Fill 2	Pane Thickness 3 (in.)	Low-e Pane 3	Tint	Spacer	Grid Type	U-Factor (Btu-in/hr-ft <sup>2</sup> -F)	SHGC - No Grids	VT - No Grids	SHGC - Grids < 1"	VT - Grids < 1"	SHGC - Grids > 1"	VT - Grids > 1"
107	3/4 Lite: CPVC Door Frame, Standard Door: Injection Lite Frame: Lami / Air / ISE81-6 (3mm 090PVB 3mm/3mm) 1" IG	0.324		0.550	AIR	0.120	0.147(#3)					CL	A1-S	N,G	0.26	0.19	0.22	0.17	0.19		
108	3/4 Lite: CPVC Door Frame, Standard Door: Injection Lite Frame: Clear / Air / Deco / Air / Clear (3mm/6mm/3mm) 1" IG	0.123		0.270	AIR	0.225		0.270	AIR	0.123		CL	A1-D	G	0.27			0.20	0.20		
109	3/4 Lite: CPVC Door Frame, Standard Door: Injection Lite Frame: Clear / Air / Deco / Air / Clear (3mm/6mm/3mm) 1" IG	0.123		0.270	AIR	0.225		0.270	AIR	0.123		CL	A5-S	G	0.26			0.20	0.20		
110	3/4 Lite: CPVC Door Frame, Standard Door: Injection Lite Frame: Clear / Air / Clear (3mm/3mm) BBG 1" IG	0.123		0.750	AIR	0.123						CL	A1-D	N	0.33	0.23	0.23				
111	3/4 Lite: CPVC Door Frame, Standard Door: Injection Lite Frame: S83 / Air / Clear (3mm 3mm) BBG 1" IG	0.124	0.103(#2)	0.750	AIR	0.123						CL	A1-D	N	0.29	0.17	0.21				
112	Full Lite: CPVC Door Frame, Standard Door: CPVC Lite Frame: Clear / Air / Clear (3mm/3mm) 1/2" IG	0.123		0.250	AIR	0.123						CL	A1-S	N	0.36	0.34	0.35				

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TOTAL PRODUCT CALCULATIONS (Plastpro Fiberglass Door)																					
Option Number	Description	Pane Thickness 1 (in.)	Low-e Pane 1	Gap Width 1 (in.)	Gap Fill 1	Pane Thickness 2 (in.)	Low-e Pane 2	Gap Width 2 (in.)	Gap Fill 2	Pane Thickness 3 (in.)	Low-e Pane 3	Tint	Spacer	Grid Type	U-Factor (Btu-in/hr-ft <sup>2</sup> -F)	SHGC - No Grids	VT - No Grids	SHGC - Grids < 1"	VT - Grids < 1"	SHGC - Grids > 1"	VT - Grids > 1"
113	Full Lite: CPVC Door Frame, Standard Door: CPVC Lite Frame: Clear / Air / Clear (3mm/3mm) 9/16" IG	0.123		0.313	AIR	0.123						CL	A1-S	G	0.35			0.30	0.30		
114	Full Lite: CPVC Door Frame, Standard Door: CPVC Lite Frame: Clear / Air / Clear (3mm/3mm) 9/16" IG	0.123		0.313	AIR	0.123						CL	A1-S	S	0.35					0.26	0.26
115	Full Lite: CPVC Door Frame, Standard Door: CPVC Lite Frame: CS73 / Air / Clear (3mm/3mm) 1/2" IG	0.123	0.148(#2)	0.250	AIR	0.123						CL	A1-S	N	0.31	0.28	0.32				
116	Full Lite: CPVC Door Frame, Standard Door: CPVC Lite Frame: CS73 / Air / Clear (3mm/3mm) 9/16" IG	0.123	0.148(#2)	0.313	AIR	0.123						CL	A1-S	G	0.31			0.25	0.28		
117	Full Lite: CPVC Door Frame, Standard Door: CPVC Lite Frame: CS73 / Air / Clear (3mm/3mm) 9/16" IG	0.123	0.148(#2)	0.313	AIR	0.123						CL	A1-S	S	0.31					0.22	0.24
118	Full Lite: CPVC Door Frame, Standard Door: CPVC Lite Frame: Clear / Air / Clear (3mm/3mm) 1" IG	0.123		0.750	AIR	0.123						CL	A1-S	N,G	0.33	0.34	0.35	0.30	0.30		

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**SIMULATION RESULTS**

TOTAL PRODUCT CALCULATIONS (Plastpro Fiberglass Door)																					
Option Number	Description	Pane Thickness 1 (in.)	Low-e Pane 1	Gap Width 1 (in.)	Gap Fill 1	Pane Thickness 2 (in.)	Low-e Pane 2	Gap Width 2 (in.)	Gap Fill 2	Pane Thickness 3 (in.)	Low-e Pane 3	Tint	Spacer	Grid Type	U-Factor (Btu-in/hr-ft <sup>2</sup> -F)	SHGC - No Grids	VT - No Grids	SHGC - Grids < 1"	VT - Grids < 1"	SHGC - Grids > 1"	VT - Grids > 1"
119	Full Lite: CPVC Door Frame, Standard Door: CPVC Lite Frame: Clear / Air / Clear (3mm/3mm) 1" IG	0.123		0.750	AIR	0.123						CL	A1-S	S	0.33					0.26	0.26
120	Full Lite: CPVC Door Frame, Standard Door: CPVC Lite Frame: CS73 / Air / Clear (3mm/3mm) 1" IG	0.123	0.148(#2)	0.750	AIR	0.123						CL	A1-S	N,G	0.28	0.28	0.32	0.25	0.28		
121	Full Lite: CPVC Door Frame, Standard Door: CPVC Lite Frame: CS73 / Air / Clear (3mm/3mm) 1" IG	0.123	0.148(#2)	0.750	AIR	0.123						CL	A1-S	S	0.28					0.22	0.24
122	Full Lite: CPVC Door Frame, Standard Door: Injection Lite Frame: Clear / Air / Clear (3mm/3mm) 1/2" IG	0.123		0.250	AIR	0.123						CL	CU-D	N	0.37	0.34	0.35				
123	Full Lite: CPVC Door Frame, Standard Door: Injection Lite Frame: Clear / Air / Clear (3mm/3mm) 9/16" IG	0.123		0.313	AIR	0.123						CL	CU-D	G	0.37			0.30	0.30		
124	Full Lite: CPVC Door Frame, Standard Door: Injection Lite Frame: E272 / Air / Clear (3mm/3mm) 1/2" IG	0.117	0.042(#2)	0.250	AIR	0.118						CL	CU-D	N	0.31	0.19	0.31				

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TOTAL PRODUCT CALCULATIONS (Plastpro Fiberglass Door)																					
Option Number	Description	Pane Thickness 1 (in.)	Low-e Pane 1	Gap Width 1 (in.)	Gap Fill 1	Pane Thickness 2 (in.)	Low-e Pane 2	Gap Width 2 (in.)	Gap Fill 2	Pane Thickness 3 (in.)	Low-e Pane 3	Tint	Spacer	Grid Type	U-Factor (Btu-in/hr-ft <sup>2</sup> -F)	SHGC - No Grids	VT - No Grids	SHGC - Grids < 1"	VT - Grids < 1"	SHGC - Grids > 1"	VT - Grids > 1"
125	Full Lite: CPVC Door Frame, Standard Door: Injection Lite Frame: E272 / Air / Clear (3mm/3mm) 9/16" IG	0.117	0.042(#2)	0.313	AIR	0.118						CL	CU-D	G	0.31			0.16	0.27		
126	Full Lite: CPVC Door Frame, Standard Door: Injection Lite Frame: E272 / Argon / Clear (3mm/3mm) 1/2" IG	0.117	0.042(#2)	0.250	ARG90	0.118						CL	CU-D	N	0.28	0.19	0.31				
127	Full Lite: CPVC Door Frame, Standard Door: Injection Lite Frame: E272 / Argon / Clear (3mm/3mm) 9/16" IG	0.117	0.042(#2)	0.313	ARG90	0.118						CL	CU-D	G	0.28			0.16	0.27		
128	Full Lite: CPVC Door Frame, Standard Door: Injection Lite Frame: E272 / Air / Clear (3mm/3mm) 1" IG	0.117	0.042(#2)	0.750	AIR	0.118						CL	CU-D	N,G	0.27	0.18	0.31	0.16	0.27		
129	Full Lite: CPVC Door Frame, Standard Door: Injection Lite Frame: E272 / Argon / Clear (3mm/3mm) 1" IG	0.117	0.042(#2)	0.750	ARG90	0.118						CL	CU-D	N,G	0.26	0.18	0.31	0.16	0.27		

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TOTAL PRODUCT CALCULATIONS (Plastpro Fiberglass Door)																					
Option Number	Description	Pane Thickness 1 (in.)	Low-e Pane 1	Gap Width 1 (in.)	Gap Fill 1	Pane Thickness 2 (in.)	Low-e Pane 2	Gap Width 2 (in.)	Gap Fill 2	Pane Thickness 3 (in.)	Low-e Pane 3	Tint	Spacer	Grid Type	U-Factor (Btu-in/hr-ft <sup>2</sup> -F)	SHGC - No Grids	VT - No Grids	SHGC - Grids < 1"	VT - Grids < 1"	SHGC - Grids > 1"	VT - Grids > 1"
130	Full Lite: CPVC Door Frame, Standard Door: Injection Lite Frame: Lami / Air / Clear (3mm 090PVB 3mm/3mm) 1-7/32" IG	0.324		0.750	AIR	0.118						CL	A1-S	N,G	0.34	0.29	0.33	0.25	0.29		
131	Full Lite: CPVC Door Frame, Standard Door: Injection Lite Frame: Lami / Air / E272 (3mm 090PVB 3mm/3mm) 1-7/32" IG	0.324		0.750	AIR	0.117	0.042(#3)					CL	CU-D	N,G	0.27	0.20	0.29	0.18	0.25		
132	Full Lite: CPVC Door Frame, Standard Door: Injection Lite Frame: Lami / Air / ISE81-6 (3mm 090PVB 3mm/3mm) 1-7/32" IG	0.324		0.750	AIR	0.120	0.147(#3)					CL	A1-S	N,G	0.29	0.26	0.30	0.23	0.26		
133	Full Lite: CPVC Door Frame, Standard Door: Injection Lite Frame: Lami / Air / YEA (3mm 090PVB 3mm/3mm) 1-7/32" IG	0.324		0.750	AIR	0.126	0.162(#3)					CL	A1-S	N,G	0.29	0.27	0.31	0.24	0.27		

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TOTAL PRODUCT CALCULATIONS (Plastpro Fiberglass Door)																					
Option Number	Description	Pane Thickness 1 (in.)	Low-e Pane 1	Gap Width 1 (in.)	Gap Fill 1	Pane Thickness 2 (in.)	Low-e Pane 2	Gap Width 2 (in.)	Gap Fill 2	Pane Thickness 3 (in.)	Low-e Pane 3	Tint	Spacer	Grid Type	U-Factor (Btu-in/hr-ft <sup>2</sup> -F)	SHGC - No Grids	VT - No Grids	SHGC - Grids < 1"	VT - Grids < 1"	SHGC - Grids > 1"	VT - Grids > 1"
134	Full Lite: CPVC Door Frame, Standard Door: Injection Lite Frame: Lami / Air / Clear (3mm 090PVB 3mm/3mm) BBG 1-7/32" IG	0.324		0.750	AIR	0.118						CL	A1-D	N	0.37	0.26	0.29				
135	Full Lite: CPVC Door Frame, Standard Door: Injection Lite Frame: Lami / Air / S83 (3mm 090PVB 3mm/3mm) BBG 1-7/32" IG	0.324		0.750	AIR	0.124	0.103(#3)					CL	A1-D	N	0.31	0.22	0.27				
136	Full Lite: CPVC Door Frame, Standard Door: Impact Lite Frame: Lami / Air / Clear (3mm 090PVB 3mm/3mm) 1-7/32" IG	0.324		0.750	AIR	0.118						CL	A1-S	N,G	0.33	0.29	0.33	0.25	0.29		
137	Full Lite: CPVC Door Frame, Standard Door: Impact Lite Frame: Lami / Air / ISE81-6 (3mm 090PVB 3mm/3mm) 1-7/32" IG	0.324		0.750	AIR	0.120	0.147(#3)					CL	A1-S	N,G	0.27	0.26	0.30	0.23	0.26		

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TOTAL PRODUCT CALCULATIONS (Plastpro Fiberglass Door)																					
Option Number	Description	Pane Thickness 1 (in.)	Low-e Pane 1	Gap Width 1 (in.)	Gap Fill 1	Pane Thickness 2 (in.)	Low-e Pane 2	Gap Width 2 (in.)	Gap Fill 2	Pane Thickness 3 (in.)	Low-e Pane 3	Tint	Spacer	Grid Type	U-Factor (Btu-in/hr-ft <sup>2</sup> -F)	SHGC - No Grids	VT - No Grids	SHGC - Grids < 1"	VT - Grids < 1"	SHGC - Grids > 1"	VT - Grids > 1"
138	Full Lite: CPVC Door Frame, Standard Door: Impact Lite Frame: Lami / Air / CS73 (3mm 090PVB 3mm/3mm) 1-7/32" IG	0.324		0.750	AIR	0.123	0.148(#3)					CL	A1-S	N,G	0.27	0.27	0.30	0.24	0.26		
139	Full Lite: CPVC Door Frame, Standard Door: Impact Lite Frame: Lami / Air / Deco / Air / Clear (3mm 090PVB 3mm/6mm)/3mm 1-7/32" IG	0.324		0.270	AIR	0.225		0.270	AIR	0.123		CL	A1-D	G	0.28			0.22	0.26		
140	Full Lite: CPVC Door Frame, Standard Door: Impact Lite Frame: Lami / Air / Deco / Air / Clear (3mm 090PVB 3mm/6mm)/3mm 1-7/32" IG	0.324		0.270	AIR	0.225		0.270	AIR	0.123		CL	A5-S	G	0.27			0.22	0.26		
141	Full Lite: CPVC Door Frame, Standard Door: Impact Lite Frame: Lami / Air / Clear (3mm 090PVB 3mm/3mm) BBG 1-7/32" IG	0.324		0.750	AIR	0.118						CL	A1-D	N	0.35	0.26	0.29				



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TOTAL PRODUCT CALCULATIONS (Plastpro Fiberglass Door)																					
Option Number	Description	Pane Thickness 1 (in.)	Low-e Pane 1	Gap Width 1 (in.)	Gap Fill 1	Pane Thickness 2 (in.)	Low-e Pane 2	Gap Width 2 (in.)	Gap Fill 2	Pane Thickness 3 (in.)	Low-e Pane 3	Tint	Spacer	Grid Type	U-Factor (Btu-in/hr-ft <sup>2</sup> -F)	SHGC - No Grids	VT - No Grids	SHGC - Grids < 1"	VT - Grids < 1"	SHGC - Grids > 1"	VT - Grids > 1"
142	Full Lite: CPVC Door Frame, Standard Door: Impact Lite Frame: Lami / Air / S83 (3mm 090PVB 3mm/3mm) BBG 1-7/32" IG	0.324		0.750	AIR	0.124	0.103(#3)					CL	A1-D	N	0.29	0.22	0.27				
143	Full Lite: CPVC Door Frame, Standard Door: Injection Lite Frame: Lami / Air / Clear (3mm 090PVB 3mm/3mm) 1" IG	0.324		0.550	AIR	0.118						CL	CU-D	N,G	0.33	0.29	0.33	0.26	0.29		
144	Full Lite: CPVC Door Frame, Standard Door: Injection Lite Frame: Lami / Air / E272 (3mm 090PVB 3mm/3mm) 1" IG	0.324		0.550	AIR	0.117	0.042(#3)					CL	CU-D	N,G	0.26	0.20	0.29	0.18	0.25		
145	Full Lite: CPVC Door Frame, Standard Door: Injection Lite Frame: Lami / Air / YEA (3mm 090PVB 3mm/3mm) 1" IG	0.324		0.550	AIR	0.126	0.162(#3)					CL	A1-S	N,G	0.29	0.27	0.31	0.24	0.27		
146	Full Lite: CPVC Door Frame, Standard Door: Injection Lite Frame: Lami / Air / ISE81-6 (3mm 090PVB 3mm/3mm) 1" IG	0.324		0.550	AIR	0.120	0.147(#3)					CL	A1-S	N,G	0.29	0.26	0.30	0.23	0.26		

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TOTAL PRODUCT CALCULATIONS (Plastpro Fiberglass Door)																					
Option Number	Description	Pane Thickness 1 (in.)	Low-e Pane 1	Gap Width 1 (in.)	Gap Fill 1	Pane Thickness 2 (in.)	Low-e Pane 2	Gap Width 2 (in.)	Gap Fill 2	Pane Thickness 3 (in.)	Low-e Pane 3	Tint	Spacer	Grid Type	U-Factor (Btu-in/hr-ft <sup>2</sup> -F)	SHGC - No Grids	VT - No Grids	SHGC - Grids < 1"	VT - Grids < 1"	SHGC - Grids > 1"	VT - Grids > 1"
147	Full Lite: CPVC Door Frame, Standard Door: Injection Lite Frame: Clear / Air / Deco / Air / Clear (3mm/6mm/3mm) 1" IG	0.123		0.270	AIR	0.225		0.270	AIR	0.123		CL	A1-D	G	0.30			0.26	0.27		
148	Full Lite: CPVC Door Frame, Standard Door: Injection Lite Frame: Clear / Air / Deco / Air / Clear (3mm/6mm/3mm) 1" IG	0.123		0.270	AIR	0.225		0.270	AIR	0.123		CL	A5-S	G	0.29			0.26	0.27		
149	Full Lite: CPVC Door Frame, Standard Door: Injection Lite Frame: Clear / Air / Clear (3mm/3mm) BBG 1" IG	0.123		0.750	AIR	0.123						CL	A1-D	N	0.38	0.30	0.31				
150	Full Lite: CPVC Door Frame, Standard Door: Injection Lite Frame: S83 / Air / Clear (3mm 3mm) BBG 1" IG	0.124	0.103(#2)	0.750	AIR	0.123						CL	A1-D	N	0.33	0.23	0.29				
151	1/4 Lite: Default Wood Door Frame, Standard Door: CPVC Lite Frame: Clear / Air / Clear (3mm/3mm) 1/2" IG	0.123		0.250	AIR	0.123						CL	A1-S	N	0.23	0.10	0.10				

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TOTAL PRODUCT CALCULATIONS (Plastpro Fiberglass Door)																					
Option Number	Description	Pane Thickness 1 (in.)	Low-e Pane 1	Gap Width 1 (in.)	Gap Fill 1	Pane Thickness 2 (in.)	Low-e Pane 2	Gap Width 2 (in.)	Gap Fill 2	Pane Thickness 3 (in.)	Low-e Pane 3	Tint	Spacer	Grid Type	U-Factor (Btu-in/hr-ft <sup>2</sup> -F)	SHGC - No Grids	VT - No Grids	SHGC - Grids < 1"	VT - Grids < 1"	SHGC - Grids > 1"	VT - Grids > 1"
152	1/4 Lite: Default Wood Door Frame, Standard Door: CPVC Lite Frame: Clear / Air / Clear (3mm/3mm) 9/16" IG	0.123		0.313	AIR	0.123						CL	A1-S	G	0.22			0.09	0.09		
153	1/4 Lite: Default Wood Door Frame, Standard Door: CPVC Lite Frame: Clear / Air / Clear (3mm/3mm) 9/16" IG	0.123		0.313	AIR	0.123						CL	A1-S	S	0.22					0.08	0.08
154	1/4 Lite: Default Wood Door Frame, Standard Door: CPVC Lite Frame: CS73 / Air / Clear (3mm/3mm) 1/2" IG	0.123	0.148(#2)	0.250	AIR	0.123						CL	A1-S	N	0.21	0.09	0.09				
155	1/4 Lite: Default Wood Door Frame, Standard Door: CPVC Lite Frame: CS73 / Air / Clear (3mm/3mm) 9/16" IG	0.123	0.148(#2)	0.313	AIR	0.123						CL	A1-S	G	0.21			0.08	0.08		
156	1/4 Lite: Default Wood Door Frame, Standard Door: CPVC Lite Frame: CS73 / Air / Clear (3mm/3mm) 9/16" IG	0.123	0.148(#2)	0.313	AIR	0.123						CL	A1-S	S	0.21					0.07	0.07
157	1/4 Lite: Default Wood Door Frame, Standard Door: CPVC Lite Frame: Clear / Air / Clear (3mm/3mm) 1" IG	0.123		0.750	AIR	0.123						CL	A1-S	N,G	0.22	0.10	0.10	0.09	0.09		

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**SIMULATION RESULTS**

TOTAL PRODUCT CALCULATIONS (Plastpro Fiberglass Door)																					
Option Number	Description	Pane Thickness 1 (in.)	Low-e Pane 1	Gap Width 1 (in.)	Gap Fill 1	Pane Thickness 2 (in.)	Low-e Pane 2	Gap Width 2 (in.)	Gap Fill 2	Pane Thickness 3 (in.)	Low-e Pane 3	Tint	Spacer	Grid Type	U-Factor (Btu-in/hr-ft <sup>2</sup> -F)	SHGC - No Grids	VT - No Grids	SHGC - Grids < 1"	VT - Grids < 1"	SHGC - Grids > 1"	VT - Grids > 1"
158	1/4 Lite: Default Wood Door Frame, Standard Door: CPVC Lite Frame: Clear / Air / Clear (3mm/3mm) 1" IG	0.123		0.750	AIR	0.123						CL	A1-S	S	0.22					0.08	0.08
159	1/4 Lite: Default Wood Door Frame, Standard Door: CPVC Lite Frame: CS73 / Air / Clear (3mm/3mm) 1" IG	0.123	0.148(#2)	0.750	AIR	0.123						CL	A1-S	N,G	0.21	0.09	0.09	0.08	0.08		
160	1/4 Lite: Default Wood Door Frame, Standard Door: CPVC Lite Frame: CS73 / Air / Clear (3mm/3mm) 1" IG	0.123	0.148(#2)	0.750	AIR	0.123						CL	A1-S	S	0.21					0.07	0.07
161	1/4 Lite: Default Wood Door Frame, Standard Door: Injection Lite Frame: Clear / Air / Clear (3mm/3mm) 1/2" IG	0.123		0.250	AIR	0.123						CL	CU-D	N	0.23	0.10	0.10				
162	1/4 Lite: Default Wood Door Frame, Standard Door: Injection Lite Frame: Clear / Air / Clear (3mm/3mm) 9/16" IG	0.123		0.313	AIR	0.123						CL	CU-D	G	0.23			0.09	0.09		
163	1/4 Lite: Default Wood Door Frame, Standard Door: Injection Lite Frame: E272 / Air / Clear (3mm/3mm) 1/2" IG	0.117	0.042(#2)	0.250	AIR	0.118						CL	CU-D	N	0.22	0.06	0.09				

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**SIMULATION RESULTS**

TOTAL PRODUCT CALCULATIONS (Plastpro Fiberglass Door)																					
Option Number	Description	Pane Thickness 1 (in.)	Low-e Pane 1	Gap Width 1 (in.)	Gap Fill 1	Pane Thickness 2 (in.)	Low-e Pane 2	Gap Width 2 (in.)	Gap Fill 2	Pane Thickness 3 (in.)	Low-e Pane 3	Tint	Spacer	Grid Type	U-Factor (Btu-in/hr-ft <sup>2</sup> -F)	SHGC - No Grids	VT - No Grids	SHGC - Grids < 1"	VT - Grids < 1"	SHGC - Grids > 1"	VT - Grids > 1"
164	1/4 Lite: Default Wood Door Frame, Standard Door: Injection Lite Frame: E272 / Air / Clear (3mm/3mm) 9/16" IG	0.117	0.042(#2)	0.313	AIR	0.118						CL	CU-D	G	0.21			0.05	0.08		
165	1/4 Lite: Default Wood Door Frame, Standard Door: Injection Lite Frame: E272 / Argon / Clear (3mm/3mm) 1/2" IG	0.117	0.042(#2)	0.250	ARG90	0.118						CL	CU-D	N	0.21	0.06	0.09				
166	1/4 Lite: Default Wood Door Frame, Standard Door: Injection Lite Frame: E272 / Argon / Clear (3mm/3mm) 9/16" IG	0.117	0.042(#2)	0.313	ARG90	0.118						CL	CU-D	G	0.21			0.05	0.08		
167	1/4 Lite: Default Wood Door Frame, Standard Door: Injection Lite Frame: E272 / Air / Clear (3mm/3mm) 1" IG	0.117	0.042(#2)	0.750	AIR	0.118						CL	CU-D	N,G	0.21	0.06	0.09	0.05	0.08		
168	1/4 Lite: Default Wood Door Frame, Standard Door: Injection Lite Frame: E272 / Argon / Clear (3mm/3mm) 1" IG	0.117	0.042(#2)	0.750	ARG90	0.118						CL	CU-D	N,G	0.20	0.06	0.09	0.05	0.08		

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SIMULATION RESULTS**

TOTAL PRODUCT CALCULATIONS (Plastpro Fiberglass Door)																					
Option Number	Description	Pane Thickness 1 (in.)	Low-e Pane 1	Gap Width 1 (in.)	Gap Fill 1	Pane Thickness 2 (in.)	Low-e Pane 2	Gap Width 2 (in.)	Gap Fill 2	Pane Thickness 3 (in.)	Low-e Pane 3	Tint	Spacer	Grid Type	U-Factor (Btu-in/hr-ft <sup>2</sup> -F)	SHGC - No Grids	VT - No Grids	SHGC - Grids < 1"	VT - Grids < 1"	SHGC - Grids > 1"	VT - Grids > 1"
169	1/4 Lite: Default Wood Door Frame, Standard Door: Injection Lite Frame: Lami / Air / Clear (3mm 090PVB 3mm/3mm) 1-7/32" IG	0.324		0.750	AIR	0.118						CL	A1-S	N,G	0.23	0.09	0.09	0.08	0.08		
170	1/4 Lite: Default Wood Door Frame, Standard Door: Injection Lite Frame: Lami / Air / E272 (3mm 090PVB 3mm/3mm) 1-7/32" IG	0.324		0.750	AIR	0.117	0.042(#3)					CL	CU-D	N,G	0.20	0.06	0.08	0.06	0.07		
171	1/4 Lite: Default Wood Door Frame, Standard Door: Injection Lite Frame: Lami / Air / ISE81-6 (3mm 090PVB 3mm/3mm) 1-7/32" IG	0.324		0.750	AIR	0.120	0.147(#3)					CL	A1-S	N,G	0.21	0.08	0.09	0.07	0.08		
172	1/4 Lite: Default Wood Door Frame, Standard Door: Injection Lite Frame: Lami / Air / YEA (3mm 090PVB 3mm/3mm) 1-7/32" IG	0.324		0.750	AIR	0.126	0.162(#3)					CL	A1-S	N,G	0.21	0.08	0.09	0.08	0.08		

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**SIMULATION RESULTS**

TOTAL PRODUCT CALCULATIONS (Plastpro Fiberglass Door)																					
Option Number	Description	Pane Thickness 1 (in.)	Low-e Pane 1	Gap Width 1 (in.)	Gap Fill 1	Pane Thickness 2 (in.)	Low-e Pane 2	Gap Width 2 (in.)	Gap Fill 2	Pane Thickness 3 (in.)	Low-e Pane 3	Tint	Spacer	Grid Type	U-Factor (Btu-in/hr-ft <sup>2</sup> -F)	SHGC - No Grids	VT - No Grids	SHGC - Grids < 1"	VT - Grids < 1"	SHGC - Grids > 1"	VT - Grids > 1"
173	1/4 Lite: Default Wood Door Frame, Standard Door: Impact Lite Frame: Lami / Air / Clear (3mm 090PVB 3mm/3mm) 1-7/32" IG	0.324		0.750	AIR	0.118						CL	A1-S	N,G	0.22	0.09	0.09	0.08	0.08		
174	1/4 Lite: Default Wood Door Frame, Standard Door: Impact Lite Frame: Lami / Air / ISE81-6 (3mm 090PVB 3mm/3mm) 1-7/32" IG	0.324		0.750	AIR	0.120	0.147(#3)					CL	A1-S	N,G	0.20	0.08	0.09	0.07	0.08		
175	1/4 Lite: Default Wood Door Frame, Standard Door: Impact Lite Frame: Lami / Air / CS73 (3mm 090PVB 3mm/3mm) 1-7/32" IG	0.324		0.750	AIR	0.123	0.148(#3)					CL	A1-S	N,G	0.20	0.08	0.09	0.08	0.08		
176	1/4 Lite: Default Wood Door Frame, Standard Door: Impact Lite Frame: Lami / Air / Deco / Air / Clear (3mm 090PVB 3mm/6mm)/3mm 1-7/32" IG	0.324		0.270	AIR	0.225		0.270	AIR	0.123		CL	A1-D	G	0.20			0.07	0.08		

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TOTAL PRODUCT CALCULATIONS (Plastpro Fiberglass Door)																					
Option Number	Description	Pane Thickness 1 (in.)	Low-e Pane 1	Gap Width 1 (in.)	Gap Fill 1	Pane Thickness 2 (in.)	Low-e Pane 2	Gap Width 2 (in.)	Gap Fill 2	Pane Thickness 3 (in.)	Low-e Pane 3	Tint	Spacer	Grid Type	U-Factor (Btu-in/hr-ft <sup>2</sup> -F)	SHGC - No Grids	VT - No Grids	SHGC - Grids < 1"	VT - Grids < 1"	SHGC - Grids > 1"	VT - Grids > 1"
177	1/4 Lite: Default Wood Door Frame, Standard Door: Impact Lite Frame: Lami / Air / Deco / Air / Clear (3mm 090PVB 3mm/6mm)/3mm 1-7/32" IG	0.324		0.270	AIR	0.225		0.270	AIR	0.123		CL	A5-S	G	0.20			0.07	0.08		
178	1/4 Lite: Default Wood Door Frame, Standard Door: Injection Lite Frame: Lami / Air / Clear (3mm 090PVB 3mm/3mm) 1" IG	0.324		0.550	AIR	0.118						CL	CU-D	N,G	0.22	0.09	0.09	0.08	0.08		
179	1/4 Lite: Default Wood Door Frame, Standard Door: Injection Lite Frame: Lami / Air / E272 (3mm 090PVB 3mm/3mm) 1" IG	0.324		0.550	AIR	0.117	0.042(#3)					CL	CU-D	N,G	0.20	0.06	0.08	0.06	0.07		
180	1/4 Lite: Default Wood Door Frame, Standard Door: Injection Lite Frame: Lami / Air / YEA (3mm 090PVB 3mm/3mm) 1" IG	0.324		0.550	AIR	0.126	0.162(#3)					CL	A1-S	N,G	0.21	0.08	0.09	0.08	0.08		
181	1/4 Lite: Default Wood Door Frame, Standard Door: Injection Lite Frame: Lami / Air / ISE81-6 (3mm 090PVB 3mm/3mm) 1" IG	0.324		0.550	AIR	0.120	0.147(#3)					CL	A1-S	N,G	0.21	0.08	0.09	0.07	0.08		



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TOTAL PRODUCT CALCULATIONS (Plastpro Fiberglass Door)																					
Option Number	Description	Pane Thickness 1 (in.)	Low-e Pane 1	Gap Width 1 (in.)	Gap Fill 1	Pane Thickness 2 (in.)	Low-e Pane 2	Gap Width 2 (in.)	Gap Fill 2	Pane Thickness 3 (in.)	Low-e Pane 3	Tint	Spacer	Grid Type	U-Factor (Btu-in/hr-ft2-F)	SHGC - No Grids	VT - No Grids	SHGC - Grids < 1"	VT - Grids < 1"	SHGC - Grids > 1"	VT - Grids > 1"
182	1/4 Lite: Default Wood Door Frame, Standard Door: Injection Lite Frame: Clear / Air / Deco / Air / Clear (3mm/6mm/3mm) 1" IG	0.123		0.270	AIR	0.225		0.270	AIR	0.123		CL	A1-D	G	0.21			0.08	0.08		
183	1/4 Lite: Default Wood Door Frame, Standard Door: Injection Lite Frame: Clear / Air / Deco / Air / Clear (3mm/6mm/3mm) 1" IG	0.123		0.270	AIR	0.225		0.270	AIR	0.123		CL	A5-S	G	0.21			0.08	0.08		
184	1/2 Lite: Default Wood Door Frame, Standard Door: CPVC Lite Frame: Clear / Air / Clear (3mm/3mm) 1/2" IG	0.123		0.250	AIR	0.123						CL	A1-S	N	0.28	0.19	0.19				
185	1/2 Lite: Default Wood Door Frame, Standard Door: CPVC Lite Frame: Clear / Air / Clear (3mm/3mm) 9/16" IG	0.123		0.313	AIR	0.123						CL	A1-S	G	0.28			0.17	0.17		
186	1/2 Lite: Default Wood Door Frame, Standard Door: CPVC Lite Frame: Clear / Air / Clear (3mm/3mm) 9/16" IG	0.123		0.313	AIR	0.123						CL	A1-S	S	0.28					0.15	0.14

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TOTAL PRODUCT CALCULATIONS (Plastpro Fiberglass Door)																					
Option Number	Description	Pane Thickness 1 (in.)	Low-e Pane 1	Gap Width 1 (in.)	Gap Fill 1	Pane Thickness 2 (in.)	Low-e Pane 2	Gap Width 2 (in.)	Gap Fill 2	Pane Thickness 3 (in.)	Low-e Pane 3	Tint	Spacer	Grid Type	U-Factor (Btu-in/hr-ft2-F)	SHGC - No Grids	VT - No Grids	SHGC - Grids < 1"	VT - Grids < 1"	SHGC - Grids > 1"	VT - Grids > 1"
187	1/2 Lite: Default Wood Door Frame, Standard Door: CPVC Lite Frame: CS73 / Air / Clear (3mm/3mm) 1/2" IG	0.123	0.148(#2)	0.250	AIR	0.123						CL	A1-S	N	0.25	0.16	0.18				
188	1/2 Lite: Default Wood Door Frame, Standard Door: CPVC Lite Frame: CS73 / Air / Clear (3mm/3mm) 9/16" IG	0.123	0.148(#2)	0.313	AIR	0.123						CL	A1-S	G	0.25			0.14	0.15		
189	1/2 Lite: Default Wood Door Frame, Standard Door: CPVC Lite Frame: CS73 / Air / Clear (3mm/3mm) 9/16" IG	0.123	0.148(#2)	0.313	AIR	0.123						CL	A1-S	S	0.25					0.12	0.13
190	1/2 Lite: Default Wood Door Frame, Standard Door: CPVC Lite Frame: Clear / Air / Clear (3mm/3mm) 1" IG	0.123		0.750	AIR	0.123						CL	A1-S	N,G	0.27	0.19	0.19	0.17	0.17		
191	1/2 Lite: Default Wood Door Frame, Standard Door: CPVC Lite Frame: Clear / Air / Clear (3mm/3mm) 1" IG	0.123		0.750	AIR	0.123						CL	A1-S	S	0.27					0.15	0.14
192	1/2 Lite: Default Wood Door Frame, Standard Door: CPVC Lite Frame: CS73 / Air / Clear (3mm/3mm) 1" IG	0.123	0.148(#2)	0.750	AIR	0.123						CL	A1-S	N,G	0.24	0.16	0.18	0.14	0.15		

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TOTAL PRODUCT CALCULATIONS (Plastpro Fiberglass Door)																					
Option Number	Description	Pane Thickness 1 (in.)	Low-e Pane 1	Gap Width 1 (in.)	Gap Fill 1	Pane Thickness 2 (in.)	Low-e Pane 2	Gap Width 2 (in.)	Gap Fill 2	Pane Thickness 3 (in.)	Low-e Pane 3	Tint	Spacer	Grid Type	U-Factor (Btu-in/hr-ft <sup>2</sup> -F)	SHGC - No Grids	VT - No Grids	SHGC - Grids < 1"	VT - Grids < 1"	SHGC - Grids > 1"	VT - Grids > 1"
193	1/2 Lite: Default Wood Door Frame, Standard Door: CPVC Lite Frame: CS73 / Air / Clear (3mm/3mm) 1" IG	0.123	0.148(#2)	0.750	AIR	0.123						CL	A1-S	S	0.24					0.12	0.13
194	1/2 Lite: Default Wood Door Frame, Standard Door: Injection Lite Frame: Clear / Air / Clear (3mm/3mm) 1/2" IG	0.123		0.250	AIR	0.123						CL	CU-D	N	0.29	0.19	0.19				
195	1/2 Lite: Default Wood Door Frame, Standard Door: Injection Lite Frame: Clear / Air / Clear (3mm/3mm) 9/16" IG	0.123		0.313	AIR	0.123						CL	CU-D	G	0.28			0.17	0.17		
196	1/2 Lite: Default Wood Door Frame, Standard Door: Injection Lite Frame: E272 / Air / Clear (3mm/3mm) 1/2" IG	0.117	0.042(#2)	0.250	AIR	0.118						CL	CU-D	N	0.26	0.11	0.17				
197	1/2 Lite: Default Wood Door Frame, Standard Door: Injection Lite Frame: E272 / Air / Clear (3mm/3mm) 9/16" IG	0.117	0.042(#2)	0.313	AIR	0.118						CL	CU-D	G	0.25			0.09	0.15		
198	1/2 Lite: Default Wood Door Frame, Standard Door: Injection Lite Frame: E272 / Argon / Clear (3mm/3mm) 1/2" IG	0.117	0.042(#2)	0.250	ARG90	0.118						CL	CU-D	N	0.24	0.11	0.17				

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TOTAL PRODUCT CALCULATIONS (Plastpro Fiberglass Door)																					
Option Number	Description	Pane Thickness 1 (in.)	Low-e Pane 1	Gap Width 1 (in.)	Gap Fill 1	Pane Thickness 2 (in.)	Low-e Pane 2	Gap Width 2 (in.)	Gap Fill 2	Pane Thickness 3 (in.)	Low-e Pane 3	Tint	Spacer	Grid Type	U-Factor (Btu-in/hr-ft <sup>2</sup> -F)	SHGC - No Grids	VT - No Grids	SHGC - Grids < 1"	VT - Grids < 1"	SHGC - Grids > 1"	VT - Grids > 1"
199	1/2 Lite: Default Wood Door Frame, Standard Door: Injection Lite Frame: E272 / Argon / Clear (3mm/3mm) 9/16" IG	0.117	0.042(#2)	0.313	ARG90	0.118						CL	CU-D	G	0.24			0.09	0.15		
200	1/2 Lite: Default Wood Door Frame, Standard Door: Injection Lite Frame: E272 / Air / Clear (3mm/3mm) 1" IG	0.117	0.042(#2)	0.750	AIR	0.118						CL	CU-D	N,G	0.23	0.11	0.17	0.09	0.15		
201	1/2 Lite: Default Wood Door Frame, Standard Door: Injection Lite Frame: E272 / Argon / Clear (3mm/3mm) 1" IG	0.117	0.042(#2)	0.750	ARG90	0.118						CL	CU-D	N,G	0.22	0.10	0.17	0.09	0.15		
202	1/2 Lite: Default Wood Door Frame, Standard Door: Injection Lite Frame: Lami / Air / Clear (3mm 090PVB 3mm/3mm) 1- 7/32" IG	0.324		0.750	AIR	0.118						CL	A1-S	N,G	0.27	0.16	0.18	0.14	0.16		
203	1/2 Lite: Default Wood Door Frame, Standard Door: Injection Lite Frame: Lami / Air / E272 (3mm 090PVB 3mm/3mm) 1- 7/32" IG	0.324		0.750	AIR	0.117	0.042(#3)					CL	CU-D	N,G	0.23	0.11	0.16	0.10	0.14		

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TOTAL PRODUCT CALCULATIONS (Plastpro Fiberglass Door)																					
Option Number	Description	Pane Thickness 1 (in.)	Low-e Pane 1	Gap Width 1 (in.)	Gap Fill 1	Pane Thickness 2 (in.)	Low-e Pane 2	Gap Width 2 (in.)	Gap Fill 2	Pane Thickness 3 (in.)	Low-e Pane 3	Tint	Spacer	Grid Type	U-Factor (Btu-in/hr-ft <sup>2</sup> -F)	SHGC - No Grids	VT - No Grids	SHGC - Grids < 1"	VT - Grids < 1"	SHGC - Grids > 1"	VT - Grids > 1"
204	1/2 Lite: Default Wood Door Frame, Standard Door: Injection Lite Frame: Lami / Air / ISE81-6 (3mm 090PVB 3mm/3mm) 1-7/32" IG	0.324		0.750	AIR	0.120	0.147(#3)					CL	A1-S	N,G	0.25	0.15	0.17	0.13	0.15		
205	1/2 Lite: Default Wood Door Frame, Standard Door: Injection Lite Frame: Lami / Air / YEA (3mm 090PVB 3mm/3mm) 1- 7/32" IG	0.324		0.750	AIR	0.126	0.162(#3)					CL	A1-S	N,G	0.25	0.15	0.17	0.14	0.15		
206	1/2 Lite: Default Wood Door Frame, Standard Door: Injection Lite Frame: Lami / Air / Clear (3mm 090PVB 3mm/3mm) BBG 1-7/32" IG	0.324		0.750	AIR	0.118						CL	A1-D	N	0.29	0.14	0.16				
207	1/2 Lite: Default Wood Door Frame, Standard Door: Injection Lite Frame: Lami / Air / S83 (3mm 090PVB 3mm/3mm) BBG 1-7/32" IG	0.324		0.750	AIR	0.124	0.103(#3)					CL	A1-D	N	0.26	0.13	0.15				

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TOTAL PRODUCT CALCULATIONS (Plastpro Fiberglass Door)																					
Option Number	Description	Pane Thickness 1 (in.)	Low-e Pane 1	Gap Width 1 (in.)	Gap Fill 1	Pane Thickness 2 (in.)	Low-e Pane 2	Gap Width 2 (in.)	Gap Fill 2	Pane Thickness 3 (in.)	Low-e Pane 3	Tint	Spacer	Grid Type	U-Factor (Btu-in/hr-ft <sup>2</sup> -F)	SHGC - No Grids	VT - No Grids	SHGC - Grids < 1"	VT - Grids < 1"	SHGC - Grids > 1"	VT - Grids > 1"
208	1/2 Lite: Default Wood Door Frame, Standard Door: Impact Lite Frame: Lami / Air / Clear (3mm 090PVB 3mm/3mm) 1-7/32" IG	0.324		0.750	AIR	0.118						CL	A1-S	N,G	0.26	0.16	0.18	0.14	0.16		
209	1/2 Lite: Default Wood Door Frame, Standard Door: Impact Lite Frame: Lami / Air / ISE81-6 (3mm 090PVB 3mm/3mm) 1-7/32" IG	0.324		0.750	AIR	0.120	0.147(#3)					CL	A1-S	N,G	0.23	0.15	0.17	0.13	0.15		
210	1/2 Lite: Default Wood Door Frame, Standard Door: Impact Lite Frame: Lami / Air / CS73 (3mm 090PVB 3mm/3mm) 1-7/32" IG	0.324		0.750	AIR	0.123	0.148(#3)					CL	A1-S	N,G	0.23	0.15	0.17	0.14	0.14		
211	1/2 Lite: Default Wood Door Frame, Standard Door: Impact Lite Frame: Lami / Air / Deco / Air / Clear (3mm 090PVB 3mm/6mm)/3mm 1-7/32" IG	0.324		0.270	AIR	0.225		0.270	AIR	0.123		CL	A1-D	G	0.23			0.13	0.14		

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SIMULATION RESULTS**

TOTAL PRODUCT CALCULATIONS (Plastpro Fiberglass Door)																					
Option Number	Description	Pane Thickness 1 (in.)	Low-e Pane 1	Gap Width 1 (in.)	Gap Fill 1	Pane Thickness 2 (in.)	Low-e Pane 2	Gap Width 2 (in.)	Gap Fill 2	Pane Thickness 3 (in.)	Low-e Pane 3	Tint	Spacer	Grid Type	U-Factor (Btu-in/hr-ft <sup>2</sup> -F)	SHGC - No Grids	VT - No Grids	SHGC - Grids < 1"	VT - Grids < 1"	SHGC - Grids > 1"	VT - Grids > 1"
212	1/2 Lite: Default Wood Door Frame, Standard Door: Impact Lite Frame: Lami / Air / Deco / Air / Clear (3mm 090PVB 3mm/6mm)/3mm 1-7/32" IG	0.324		0.270	AIR	0.225		0.270	AIR	0.123		CL	A5-S	G	0.23			0.13	0.14		
213	1/2 Lite: Default Wood Door Frame, Standard Door: Impact Lite Frame: Lami / Air / Clear (3mm 090PVB 3mm/3mm) BBG 1-7/32" IG	0.324		0.750	AIR	0.118						CL	A1-D	N	0.27	0.14	0.16				
214	1/2 Lite: Default Wood Door Frame, Standard Door: Impact Lite Frame: Lami / Air / S83 (3mm 090PVB 3mm/3mm) BBG 1-7/32" IG	0.324		0.750	AIR	0.124	0.103(#3)					CL	A1-D	N	0.24	0.13	0.15				
215	1/2 Lite: Default Wood Door Frame, Standard Door: Injection Lite Frame: Lami / Air / Clear (3mm 090PVB 3mm/3mm) 1" IG	0.324		0.550	AIR	0.118						CL	CU-D	N,G	0.27	0.16	0.18	0.14	0.16		
216	1/2 Lite: Default Wood Door Frame, Standard Door: Injection Lite Frame: Lami / Air / E272 (3mm 090PVB 3mm/3mm) 1" IG	0.324		0.550	AIR	0.117	0.042(#3)					CL	CU-D	N,G	0.23	0.12	0.16	0.10	0.14		

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TOTAL PRODUCT CALCULATIONS (Plastpro Fiberglass Door)																					
Option Number	Description	Pane Thickness 1 (in.)	Low-e Pane 1	Gap Width 1 (in.)	Gap Fill 1	Pane Thickness 2 (in.)	Low-e Pane 2	Gap Width 2 (in.)	Gap Fill 2	Pane Thickness 3 (in.)	Low-e Pane 3	Tint	Spacer	Grid Type	U-Factor (Btu-in/hr-ft <sup>2</sup> -F)	SHGC - No Grids	VT - No Grids	SHGC - Grids < 1"	VT - Grids < 1"	SHGC - Grids > 1"	VT - Grids > 1"
217	1/2 Lite: Default Wood Door Frame, Standard Door: Injection Lite Frame: Lami / Air / YEA (3mm 090PVB 3mm/3mm) 1" IG	0.324		0.550	AIR	0.126	0.162(#3)					CL	A1-S	N,G	0.24	0.15	0.17	0.14	0.15		
218	1/2 Lite: Default Wood Door Frame, Standard Door: Injection Lite Frame: Lami / Air / ISE81-6 (3mm 090PVB 3mm/3mm) 1" IG	0.324		0.550	AIR	0.120	0.147(#3)					CL	A1-S	N,G	0.24	0.15	0.17	0.13	0.15		
219	1/2 Lite: Default Wood Door Frame, Standard Door: Injection Lite Frame: Clear / Air / Deco / Air / Clear (3mm/6mm/3mm) 1" IG	0.123		0.270	AIR	0.225		0.270	AIR	0.123		CL	A1-D	G	0.25			0.15	0.15		
220	1/2 Lite: Default Wood Door Frame, Standard Door: Injection Lite Frame: Clear / Air / Deco / Air / Clear (3mm/6mm/3mm) 1" IG	0.123		0.270	AIR	0.225		0.270	AIR	0.123		CL	A5-S	G	0.24			0.15	0.15		
221	1/2 Lite: Default Wood Door Frame, Standard Door: Injection Lite Frame: Clear / Air / Clear (3mm/3mm) BBG 1" IG	0.123		0.750	AIR	0.123						CL	A1-D	N	0.29	0.17	0.17				



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TOTAL PRODUCT CALCULATIONS (Plastpro Fiberglass Door)																					
Option Number	Description	Pane Thickness 1 (in.)	Low-e Pane 1	Gap Width 1 (in.)	Gap Fill 1	Pane Thickness 2 (in.)	Low-e Pane 2	Gap Width 2 (in.)	Gap Fill 2	Pane Thickness 3 (in.)	Low-e Pane 3	Tint	Spacer	Grid Type	U-Factor (Btu-in/hr-ft <sup>2</sup> -F)	SHGC - No Grids	VT - No Grids	SHGC - Grids < 1"	VT - Grids < 1"	SHGC - Grids > 1"	VT - Grids > 1"
222	1/2 Lite: Default Wood Door Frame, Standard Door: Injection Lite Frame: S83 / Air / Clear (3mm 3mm) BBG 1" IG	0.124	0.103(#2)	0.750	AIR	0.123						CL	A1-D	N	0.26	0.13	0.16				
223	3/4 Lite: Default Wood Door Frame, Standard Door: CPVC Lite Frame: Clear / Air / Clear (3mm/3mm) 1/2" IG	0.123		0.250	AIR	0.123						CL	A1-S	N	0.31	0.26	0.26				
224	3/4 Lite: Default Wood Door Frame, Standard Door: CPVC Lite Frame: Clear / Air / Clear (3mm/3mm) 9/16" IG	0.123		0.313	AIR	0.123						CL	A1-S	G	0.31			0.22	0.23		
225	3/4 Lite: Default Wood Door Frame, Standard Door: CPVC Lite Frame: Clear / Air / Clear (3mm/3mm) 9/16" IG	0.123		0.313	AIR	0.123						CL	A1-S	S	0.31					0.20	0.19
226	3/4 Lite: Default Wood Door Frame, Standard Door: CPVC Lite Frame: CS73 / Air / Clear (3mm/3mm) 1/2" IG	0.123	0.148(#2)	0.250	AIR	0.123						CL	A1-S	N	0.28	0.21	0.24				

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TOTAL PRODUCT CALCULATIONS (Plastpro Fiberglass Door)																					
Option Number	Description	Pane Thickness 1 (in.)	Low-e Pane 1	Gap Width 1 (in.)	Gap Fill 1	Pane Thickness 2 (in.)	Low-e Pane 2	Gap Width 2 (in.)	Gap Fill 2	Pane Thickness 3 (in.)	Low-e Pane 3	Tint	Spacer	Grid Type	U-Factor (Btu-in/hr-ft <sup>2</sup> -F)	SHGC - No Grids	VT - No Grids	SHGC - Grids < 1"	VT - Grids < 1"	SHGC - Grids > 1"	VT - Grids > 1"
227	3/4 Lite: Default Wood Door Frame, Standard Door: CPVC Lite Frame: CS73 / Air / Clear (3mm/3mm) 9/16" IG	0.123	0.148(#2)	0.313	AIR	0.123						CL	A1-S	G	0.28			0.19	0.20		
228	3/4 Lite: Default Wood Door Frame, Standard Door: CPVC Lite Frame: CS73 / Air / Clear (3mm/3mm) 9/16" IG	0.123	0.148(#2)	0.313	AIR	0.123						CL	A1-S	S	0.28					0.16	0.18
229	3/4 Lite: Default Wood Door Frame, Standard Door: CPVC Lite Frame: Clear / Air / Clear (3mm/3mm) 1" IG	0.123		0.750	AIR	0.123						CL	A1-S	N,G	0.30	0.26	0.26	0.23	0.23		
230	3/4 Lite: Default Wood Door Frame, Standard Door: CPVC Lite Frame: Clear / Air / Clear (3mm/3mm) 1" IG	0.123		0.750	AIR	0.123						CL	A1-S	S	0.30					0.20	0.19
231	3/4 Lite: Default Wood Door Frame, Standard Door: CPVC Lite Frame: CS73 / Air / Clear (3mm/3mm) 1" IG	0.123	0.148(#2)	0.750	AIR	0.123						CL	A1-S	N,G	0.26	0.21	0.24	0.19	0.20		
232	3/4 Lite: Default Wood Door Frame, Standard Door: CPVC Lite Frame: CS73 / Air / Clear (3mm/3mm) 1" IG	0.123	0.148(#2)	0.750	AIR	0.123						CL	A1-S	S	0.26					0.16	0.18

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TOTAL PRODUCT CALCULATIONS (Plastpro Fiberglass Door)																					
Option Number	Description	Pane Thickness 1 (in.)	Low-e Pane 1	Gap Width 1 (in.)	Gap Fill 1	Pane Thickness 2 (in.)	Low-e Pane 2	Gap Width 2 (in.)	Gap Fill 2	Pane Thickness 3 (in.)	Low-e Pane 3	Tint	Spacer	Grid Type	U-Factor (Btu-in/hr-ft2-F)	SHGC - No Grids	VT - No Grids	SHGC - Grids < 1"	VT - Grids < 1"	SHGC - Grids > 1"	VT - Grids > 1"
233	3/4 Lite: Default Wood Door Frame, Standard Door: Injection Lite Frame: Clear / Air / Clear (3mm/3mm) 1/2" IG	0.123		0.250	AIR	0.123						CL	CU-D	N	0.33	0.26	0.26				
234	3/4 Lite: Default Wood Door Frame, Standard Door: Injection Lite Frame: Clear / Air / Clear (3mm/3mm) 9/16" IG	0.123		0.313	AIR	0.123						CL	CU-D	G	0.32			0.22	0.23		
235	3/4 Lite: Default Wood Door Frame, Standard Door: Injection Lite Frame: E272 / Air / Clear (3mm/3mm) 1/2" IG	0.117	0.042(#2)	0.250	AIR	0.118						CL	CU-D	N	0.28	0.14	0.23				
236	3/4 Lite: Default Wood Door Frame, Standard Door: Injection Lite Frame: E272 / Air / Clear (3mm/3mm) 9/16" IG	0.117	0.042(#2)	0.313	AIR	0.118						CL	CU-D	G	0.28			0.12	0.20		
237	3/4 Lite: Default Wood Door Frame, Standard Door: Injection Lite Frame: E272 / Argon / Clear (3mm/3mm) 1/2" IG	0.117	0.042(#2)	0.250	ARG90	0.118						CL	CU-D	N	0.26	0.14	0.23				

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TOTAL PRODUCT CALCULATIONS (Plastpro Fiberglass Door)																					
Option Number	Description	Pane Thickness 1 (in.)	Low-e Pane 1	Gap Width 1 (in.)	Gap Fill 1	Pane Thickness 2 (in.)	Low-e Pane 2	Gap Width 2 (in.)	Gap Fill 2	Pane Thickness 3 (in.)	Low-e Pane 3	Tint	Spacer	Grid Type	U-Factor (Btu-in/hr-ft2-F)	SHGC - No Grids	VT - No Grids	SHGC - Grids < 1"	VT - Grids < 1"	SHGC - Grids > 1"	VT - Grids > 1"
238	3/4 Lite: Default Wood Door Frame, Standard Door: Injection Lite Frame: E272 / Argon / Clear (3mm/3mm) 9/16" IG	0.117	0.042(#2)	0.313	ARG90	0.118						CL	CU-D	G	0.26			0.12	0.20		
239	3/4 Lite: Default Wood Door Frame, Standard Door: Injection Lite Frame: E272 / Air / Clear (3mm/3mm) 1" IG	0.117	0.042(#2)	0.750	AIR	0.118						CL	CU-D	N,G	0.25	0.14	0.23	0.12	0.20		
240	3/4 Lite: Default Wood Door Frame, Standard Door: Injection Lite Frame: E272 / Argon / Clear (3mm/3mm) 1" IG	0.117	0.042(#2)	0.750	ARG90	0.118						CL	CU-D	N,G	0.24	0.14	0.23	0.12	0.20		
241	3/4 Lite: Default Wood Door Frame, Standard Door: Injection Lite Frame: Lami / Air / Clear (3mm 090PVB 3mm/3mm) 1- 7/32" IG	0.324		0.750	AIR	0.118						CL	A1-S	N,G	0.31	0.22	0.25	0.19	0.22		
242	3/4 Lite: Default Wood Door Frame, Standard Door: Injection Lite Frame: Lami / Air / E272 (3mm 090PVB 3mm/3mm) 1- 7/32" IG	0.324		0.750	AIR	0.117	0.042(#3)					CL	CU-D	N,G	0.25	0.15	0.22	0.13	0.19		

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TOTAL PRODUCT CALCULATIONS (Plastpro Fiberglass Door)																					
Option Number	Description	Pane Thickness 1 (in.)	Low-e Pane 1	Gap Width 1 (in.)	Gap Fill 1	Pane Thickness 2 (in.)	Low-e Pane 2	Gap Width 2 (in.)	Gap Fill 2	Pane Thickness 3 (in.)	Low-e Pane 3	Tint	Spacer	Grid Type	U-Factor (Btu-in/hr-ft <sup>2</sup> -F)	SHGC - No Grids	VT - No Grids	SHGC - Grids < 1"	VT - Grids < 1"	SHGC - Grids > 1"	VT - Grids > 1"
243	3/4 Lite: Default Wood Door Frame, Standard Door: Injection Lite Frame: Lami / Air / ISE81-6 (3mm 090PVB 3mm/3mm) 1-7/32" IG	0.324		0.750	AIR	0.120	0.147(#3)					CL	A1-S	N,G	0.27	0.19	0.22	0.17	0.19		
244	3/4 Lite: Default Wood Door Frame, Standard Door: Injection Lite Frame: Lami / Air / YEA (3mm 090PVB 3mm/3mm) 1- 7/32" IG	0.324		0.750	AIR	0.126	0.162(#3)					CL	A1-S	N,G	0.27	0.20	0.23	0.18	0.20		
245	3/4 Lite: Default Wood Door Frame, Standard Door: Injection Lite Frame: Lami / Air / Clear (3mm 090PVB 3mm/3mm) BBG 1-7/32" IG	0.324		0.750	AIR	0.118						CL	A1-D	N	0.32	0.19	0.21				
246	3/4 Lite: Default Wood Door Frame, Standard Door: Injection Lite Frame: Lami / Air / S83 (3mm 090PVB 3mm/3mm) BBG 1-7/32" IG	0.324		0.750	AIR	0.124	0.103(#3)					CL	A1-D	N	0.28	0.17	0.20				

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TOTAL PRODUCT CALCULATIONS (Plastpro Fiberglass Door)																					
Option Number	Description	Pane Thickness 1 (in.)	Low-e Pane 1	Gap Width 1 (in.)	Gap Fill 1	Pane Thickness 2 (in.)	Low-e Pane 2	Gap Width 2 (in.)	Gap Fill 2	Pane Thickness 3 (in.)	Low-e Pane 3	Tint	Spacer	Grid Type	U-Factor (Btu-in/hr-ft <sup>2</sup> -F)	SHGC - No Grids	VT - No Grids	SHGC - Grids < 1"	VT - Grids < 1"	SHGC - Grids > 1"	VT - Grids > 1"
247	3/4 Lite: Default Wood Door Frame, Standard Door: Impact Lite Frame: Lami / Air / Clear (3mm 090PVB 3mm/3mm) 1-7/32" IG	0.324		0.750	AIR	0.118						CL	A1-S	N,G	0.29	0.22	0.25	0.19	0.22		
248	3/4 Lite: Default Wood Door Frame, Standard Door: Impact Lite Frame: Lami / Air / ISE81-6 (3mm 090PVB 3mm/3mm) 1-7/32" IG	0.324		0.750	AIR	0.120	0.147(#3)					CL	A1-S	N,G	0.25	0.19	0.22	0.17	0.19		
249	3/4 Lite: Default Wood Door Frame, Standard Door: Impact Lite Frame: Lami / Air / CS73 (3mm 090PVB 3mm/3mm) 1-7/32" IG	0.324		0.750	AIR	0.123	0.148(#3)					CL	A1-S	N,G	0.25	0.20	0.22	0.18	0.19		
250	3/4 Lite: Default Wood Door Frame, Standard Door: Impact Lite Frame: Lami / Air / Deco / Air / Clear (3mm 090PVB 3mm/6mm)/3mm 1-7/32" IG	0.324		0.270	AIR	0.225		0.270	AIR	0.123		CL	A1-D	G	0.25			0.17	0.19		

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TOTAL PRODUCT CALCULATIONS (Plastpro Fiberglass Door)																					
Option Number	Description	Pane Thickness 1 (in.)	Low-e Pane 1	Gap Width 1 (in.)	Gap Fill 1	Pane Thickness 2 (in.)	Low-e Pane 2	Gap Width 2 (in.)	Gap Fill 2	Pane Thickness 3 (in.)	Low-e Pane 3	Tint	Spacer	Grid Type	U-Factor (Btu-in/hr-ft <sup>2</sup> -F)	SHGC - No Grids	VT - No Grids	SHGC - Grids < 1"	VT - Grids < 1"	SHGC - Grids > 1"	VT - Grids > 1"
251	3/4 Lite: Default Wood Door Frame, Standard Door: Impact Lite Frame: Lami / Air / Deco / Air / Clear (3mm 090PVB 3mm/6mm)/3mm 1-7/32" IG	0.324		0.270	AIR	0.225		0.270	AIR	0.123		CL	A5-S	G	0.25			0.17	0.19		
252	3/4 Lite: Default Wood Door Frame, Standard Door: Impact Lite Frame: Lami / Air / Clear (3mm 090PVB 3mm/3mm) BBG 1-7/32" IG	0.324		0.750	AIR	0.118						CL	A1-D	N	0.31	0.19	0.21				
253	3/4 Lite: Default Wood Door Frame, Standard Door: Impact Lite Frame: Lami / Air / S83 (3mm 090PVB 3mm/3mm) BBG 1-7/32" IG	0.324		0.750	AIR	0.124	0.103(#3)					CL	A1-D	N	0.27	0.17	0.20				
254	3/4 Lite: Default Wood Door Frame, Standard Door: Injection Lite Frame: Lami / Air / Clear (3mm 090PVB 3mm/3mm) 1" IG	0.324		0.550	AIR	0.118						CL	CU-D	N,G	0.30	0.22	0.25	0.19	0.22		
255	3/4 Lite: Default Wood Door Frame, Standard Door: Injection Lite Frame: Lami / Air / E272 (3mm 090PVB 3mm/3mm) 1" IG	0.324		0.550	AIR	0.117	0.042(#3)					CL	CU-D	N,G	0.25	0.15	0.22	0.13	0.19		

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TOTAL PRODUCT CALCULATIONS (Plastpro Fiberglass Door)																					
Option Number	Description	Pane Thickness 1 (in.)	Low-e Pane 1	Gap Width 1 (in.)	Gap Fill 1	Pane Thickness 2 (in.)	Low-e Pane 2	Gap Width 2 (in.)	Gap Fill 2	Pane Thickness 3 (in.)	Low-e Pane 3	Tint	Spacer	Grid Type	U-Factor (Btu-in/hr-ft <sup>2</sup> -F)	SHGC - No Grids	VT - No Grids	SHGC - Grids < 1"	VT - Grids < 1"	SHGC - Grids > 1"	VT - Grids > 1"
256	3/4 Lite: Default Wood Door Frame, Standard Door: Injection Lite Frame: Lami / Air / YEA (3mm 090PVB 3mm/3mm) 1" IG	0.324		0.550	AIR	0.126	0.162(#3)					CL	A1-S	N,G	0.27	0.20	0.23	0.18	0.20		
257	3/4 Lite: Default Wood Door Frame, Standard Door: Injection Lite Frame: Lami / Air / ISE81-6 (3mm 090PVB 3mm/3mm) 1" IG	0.324		0.550	AIR	0.120	0.147(#3)					CL	A1-S	N,G	0.26	0.19	0.22	0.17	0.19		
258	3/4 Lite: Default Wood Door Frame, Standard Door: Injection Lite Frame: Clear / Air / Deco / Air / Clear (3mm/6mm/3mm) 1" IG	0.123		0.270	AIR	0.225		0.270	AIR	0.123		CL	A1-D	G	0.27			0.20	0.20		
259	3/4 Lite: Default Wood Door Frame, Standard Door: Injection Lite Frame: Clear / Air / Deco / Air / Clear (3mm/6mm/3mm) 1" IG	0.123		0.270	AIR	0.225		0.270	AIR	0.123		CL	A5-S	G	0.27			0.20	0.20		
260	3/4 Lite: Default Wood Door Frame, Standard Door: Injection Lite Frame: Clear / Air / Clear (3mm/3mm) BBG 1" IG	0.123		0.750	AIR	0.123						CL	A1-D	N	0.33	0.23	0.23				



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TOTAL PRODUCT CALCULATIONS (Plastpro Fiberglass Door)																					
Option Number	Description	Pane Thickness 1 (in.)	Low-e Pane 1	Gap Width 1 (in.)	Gap Fill 1	Pane Thickness 2 (in.)	Low-e Pane 2	Gap Width 2 (in.)	Gap Fill 2	Pane Thickness 3 (in.)	Low-e Pane 3	Tint	Spacer	Grid Type	U-Factor (Btu-in/hr-ft <sup>2</sup> -F)	SHGC - No Grids	VT - No Grids	SHGC - Grids < 1"	VT - Grids < 1"	SHGC - Grids > 1"	VT - Grids > 1"
261	3/4 Lite: Default Wood Door Frame, Standard Door: Injection Lite Frame: S83 / Air / Clear (3mm 3mm) BBG 1" IG	0.124	0.103(#2)	0.750	AIR	0.123						CL	A1-D	N	0.29	0.17	0.21				
262	Full Lite: Default Wood Door Frame, Standard Door: CPVC Lite Frame: Clear / Air / Clear (3mm/3mm) 1/2" IG	0.123		0.250	AIR	0.123						CL	A1-S	N	0.36	0.34	0.35				
263	Full Lite: Default Wood Door Frame, Standard Door: CPVC Lite Frame: Clear / Air / Clear (3mm/3mm) 9/16" IG	0.123		0.313	AIR	0.123						CL	A1-S	G	0.36			0.30	0.30		
264	Full Lite: Default Wood Door Frame, Standard Door: CPVC Lite Frame: Clear / Air / Clear (3mm/3mm) 9/16" IG	0.123		0.313	AIR	0.123						CL	A1-S	S	0.36					0.26	0.26
265	Full Lite: Default Wood Door Frame, Standard Door: CPVC Lite Frame: CS73 / Air / Clear (3mm/3mm) 1/2" IG	0.123	0.148(#2)	0.250	AIR	0.123						CL	A1-S	N	0.32	0.28	0.32				

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Option Number	Description	Pane Thickness 1 (in.)	Low-e Pane 1	Gap Width 1 (in.)	Gap Fill 1	Pane Thickness 2 (in.)	Low-e Pane 2	Gap Width 2 (in.)	Gap Fill 2	Pane Thickness 3 (in.)	Low-e Pane 3	Tint	Spacer	Grid Type	U-Factor (Btu-in/hr-ft <sup>2</sup> -F)	SHGC - No Grids	VT - No Grids	SHGC - Grids < 1"	VT - Grids < 1"	SHGC - Grids > 1"	VT - Grids > 1"
266	Full Lite: Default Wood Door Frame, Standard Door: CPVC Lite Frame: CS73 / Air / Clear (3mm/3mm) 9/16" IG	0.123	0.148(#2)	0.313	AIR	0.123						CL	A1-S	G	0.31			0.25	0.28		
267	Full Lite: Default Wood Door Frame, Standard Door: CPVC Lite Frame: CS73 / Air / Clear (3mm/3mm) 9/16" IG	0.123	0.148(#2)	0.313	AIR	0.123						CL	A1-S	S	0.31					0.22	0.24
268	Full Lite: Default Wood Door Frame, Standard Door: CPVC Lite Frame: Clear / Air / Clear (3mm/3mm) 1" IG	0.123		0.750	AIR	0.123						CL	A1-S	N,G	0.34	0.34	0.35	0.30	0.30		
269	Full Lite: Default Wood Door Frame, Standard Door: CPVC Lite Frame: Clear / Air / Clear (3mm/3mm) 1" IG	0.123		0.750	AIR	0.123						CL	A1-S	S	0.34					0.26	0.26
270	Full Lite: Default Wood Door Frame, Standard Door: CPVC Lite Frame: CS73 / Air / Clear (3mm/3mm) 1" IG	0.123	0.148(#2)	0.750	AIR	0.123						CL	A1-S	N,G	0.28	0.28	0.32	0.25	0.28		

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**SIMULATION RESULTS**

TOTAL PRODUCT CALCULATIONS (Plastpro Fiberglass Door)																					
Option Number	Description	Pane Thickness 1 (in.)	Low-e Pane 1	Gap Width 1 (in.)	Gap Fill 1	Pane Thickness 2 (in.)	Low-e Pane 2	Gap Width 2 (in.)	Gap Fill 2	Pane Thickness 3 (in.)	Low-e Pane 3	Tint	Spacer	Grid Type	U-Factor (Btu-in/hr-ft2-F)	SHGC - No Grids	VT - No Grids	SHGC - Grids < 1"	VT - Grids < 1"	SHGC - Grids > 1"	VT - Grids > 1"
271	Full Lite: Default Wood Door Frame, Standard Door: CPVC Lite Frame: CS73 / Air / Clear (3mm/3mm) 1" IG	0.123	0.148(#2)	0.750	AIR	0.123						CL	A1-S	S	0.28					0.22	0.24
272	Full Lite: Default Wood Door Frame, Standard Door: Injection Lite Frame: Clear / Air / Clear (3mm/3mm) 1/2" IG	0.123		0.250	AIR	0.123						CL	CU-D	N	0.37	0.34	0.35				
273	Full Lite: Default Wood Door Frame, Standard Door: Injection Lite Frame: Clear / Air / Clear (3mm/3mm) 9/16" IG	0.123		0.313	AIR	0.123						CL	CU-D	G	0.37			0.30	0.30		
274	Full Lite: Default Wood Door Frame, Standard Door: Injection Lite Frame: E272 / Air / Clear (3mm/3mm) 1/2" IG	0.117	0.042(#2)	0.250	AIR	0.118						CL	CU-D	N	0.32	0.19	0.31				
275	Full Lite: Default Wood Door Frame, Standard Door: Injection Lite Frame: E272 / Air / Clear (3mm/3mm) 9/16" IG	0.117	0.042(#2)	0.313	AIR	0.118						CL	CU-D	G	0.31			0.16	0.27		

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**SIMULATION RESULTS**

TOTAL PRODUCT CALCULATIONS (Plastpro Fiberglass Door)																					
Option Number	Description	Pane Thickness 1 (in.)	Low-e Pane 1	Gap Width 1 (in.)	Gap Fill 1	Pane Thickness 2 (in.)	Low-e Pane 2	Gap Width 2 (in.)	Gap Fill 2	Pane Thickness 3 (in.)	Low-e Pane 3	Tint	Spacer	Grid Type	U-Factor (Btu-in/hr-ft <sup>2</sup> -F)	SHGC - No Grids	VT - No Grids	SHGC - Grids < 1"	VT - Grids < 1"	SHGC - Grids > 1"	VT - Grids > 1"
276	Full Lite: Default Wood Door Frame, Standard Door: Injection Lite Frame: E272 / Argon / Clear (3mm/3mm) 1/2" IG	0.117	0.042(#2)	0.250	ARG90	0.118						CL	CU-D	N	0.29	0.19	0.31				
277	Full Lite: Default Wood Door Frame, Standard Door: Injection Lite Frame: E272 / Argon / Clear (3mm/3mm) 9/16" IG	0.117	0.042(#2)	0.313	ARG90	0.118						CL	CU-D	G	0.28			0.16	0.27		
278	Full Lite: Default Wood Door Frame, Standard Door: Injection Lite Frame: E272 / Air / Clear (3mm/3mm) 1" IG	0.117	0.042(#2)	0.750	AIR	0.118						CL	CU-D	N,G	0.28	0.18	0.31	0.16	0.27		
279	Full Lite: Default Wood Door Frame, Standard Door: Injection Lite Frame: E272 / Argon / Clear (3mm/3mm) 1" IG	0.117	0.042(#2)	0.750	ARG90	0.118						CL	CU-D	N,G	0.26	0.18	0.31	0.16	0.27		
280	Full Lite: Default Wood Door Frame, Standard Door: Injection Lite Frame: Lami / Air / Clear (3mm 090PVB 3mm/3mm) 1- 7/32" IG	0.324		0.750	AIR	0.118						CL	A1-S	N,G	0.35	0.29	0.33	0.26	0.29		

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**SIMULATION RESULTS**

TOTAL PRODUCT CALCULATIONS (Plastpro Fiberglass Door)																					
Option Number	Description	Pane Thickness 1 (in.)	Low-e Pane 1	Gap Width 1 (in.)	Gap Fill 1	Pane Thickness 2 (in.)	Low-e Pane 2	Gap Width 2 (in.)	Gap Fill 2	Pane Thickness 3 (in.)	Low-e Pane 3	Tint	Spacer	Grid Type	U-Factor (Btu-in/hr-ft <sup>2</sup> -F)	SHGC - No Grids	VT - No Grids	SHGC - Grids < 1"	VT - Grids < 1"	SHGC - Grids > 1"	VT - Grids > 1"
281	Full Lite: Default Wood Door Frame, Standard Door: Injection Lite Frame: Lami / Air / E272 (3mm 090PVB 3mm/3mm) 1-7/32" IG	0.324		0.750	AIR	0.117	0.042(#3)					CL	CU-D	N,G	0.27	0.20	0.29	0.18	0.25		
282	Full Lite: Default Wood Door Frame, Standard Door: Injection Lite Frame: Lami / Air / ISE81-6 (3mm 090PVB 3mm/3mm) 1-7/32" IG	0.324		0.750	AIR	0.120	0.147(#3)					CL	A1-S	N,G	0.30	0.26	0.30	0.23	0.26		
283	Full Lite: Default Wood Door Frame, Standard Door: Injection Lite Frame: Lami / Air / YEA (3mm 090PVB 3mm/3mm) 1-7/32" IG	0.324		0.750	AIR	0.126	0.162(#3)					CL	A1-S	N,G	0.30	0.27	0.31	0.24	0.27		
284	Full Lite: Default Wood Door Frame, Standard Door: Injection Lite Frame: Lami / Air / Clear (3mm 090PVB 3mm/3mm) BBG 1-7/32" IG	0.324		0.750	AIR	0.118						CL	A1-D	N	0.37	0.26	0.29				

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SIMULATION RESULTS**

TOTAL PRODUCT CALCULATIONS (Plastpro Fiberglass Door)																					
Option Number	Description	Pane Thickness 1 (in.)	Low-e Pane 1	Gap Width 1 (in.)	Gap Fill 1	Pane Thickness 2 (in.)	Low-e Pane 2	Gap Width 2 (in.)	Gap Fill 2	Pane Thickness 3 (in.)	Low-e Pane 3	Tint	Spacer	Grid Type	U-Factor (Btu-in/hr-ft <sup>2</sup> -F)	SHGC - No Grids	VT - No Grids	SHGC - Grids < 1"	VT - Grids < 1"	SHGC - Grids > 1"	VT - Grids > 1"
285	Full Lite: Default Wood Door Frame, Standard Door: Injection Lite Frame: Lami / Air / S83 (3mm 090PVB 3mm/3mm) BBG 1-7/32" IG	0.324		0.750	AIR	0.124	0.103(#3)					CL	A1-D	N	0.32	0.22	0.27				
286	Full Lite: Default Wood Door Frame, Standard Door: Impact Lite Frame: Lami / Air / Clear (3mm 090PVB 3mm/3mm) 1-7/32" IG	0.324		0.750	AIR	0.118						CL	A1-S	N,G	0.33	0.29	0.33	0.26	0.29		
287	Full Lite: Default Wood Door Frame, Standard Door: Impact Lite Frame: Lami / Air / ISE81-6 (3mm 090PVB 3mm/3mm) 1-7/32" IG	0.324		0.750	AIR	0.120	0.147(#3)					CL	A1-S	N,G	0.28	0.26	0.30	0.23	0.26		
288	Full Lite: Default Wood Door Frame, Standard Door: Impact Lite Frame: Lami / Air / CS73 (3mm 090PVB 3mm/3mm) 1-7/32" IG	0.324		0.750	AIR	0.123	0.148(#3)					CL	A1-S	N,G	0.28	0.27	0.30	0.24	0.26		

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TOTAL PRODUCT CALCULATIONS (Plastpro Fiberglass Door)																					
Option Number	Description	Pane Thickness 1 (in.)	Low-e Pane 1	Gap Width 1 (in.)	Gap Fill 1	Pane Thickness 2 (in.)	Low-e Pane 2	Gap Width 2 (in.)	Gap Fill 2	Pane Thickness 3 (in.)	Low-e Pane 3	Tint	Spacer	Grid Type	U-Factor (Btu-in/hr-ft <sup>2</sup> -F)	SHGC - No Grids	VT - No Grids	SHGC - Grids < 1"	VT - Grids < 1"	SHGC - Grids > 1"	VT - Grids > 1"
289	Full Lite: Default Wood Door Frame, Standard Door: Impact Lite Frame: Lami / Air / Deco / Air / Clear (3mm 090PVB 3mm/6mm)/3mm 1-7/32" IG	0.324		0.270	AIR	0.225		0.270	AIR	0.123		CL	A1-D	G	0.28			0.22	0.26		
290	Full Lite: Default Wood Door Frame, Standard Door: Impact Lite Frame: Lami / Air / Deco / Air / Clear (3mm 090PVB 3mm/6mm)/3mm 1-7/32" IG	0.324		0.270	AIR	0.225		0.270	AIR	0.123		CL	A5-S	G	0.28			0.22	0.26		
291	Full Lite: Default Wood Door Frame, Standard Door: Impact Lite Frame: Lami / Air / Clear (3mm 090PVB 3mm/3mm) BBG 1-7/32" IG	0.324		0.750	AIR	0.118						CL	A1-D	N	0.35	0.26	0.29				
292	Full Lite: Default Wood Door Frame, Standard Door: Impact Lite Frame: Lami / Air / S83 (3mm 090PVB 3mm/3mm) BBG 1-7/32" IG	0.324		0.750	AIR	0.124	0.103(#3)					CL	A1-D	N	0.30	0.22	0.27				

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TOTAL PRODUCT CALCULATIONS (Plastpro Fiberglass Door)																					
Option Number	Description	Pane Thickness 1 (in.)	Low-e Pane 1	Gap Width 1 (in.)	Gap Fill 1	Pane Thickness 2 (in.)	Low-e Pane 2	Gap Width 2 (in.)	Gap Fill 2	Pane Thickness 3 (in.)	Low-e Pane 3	Tint	Spacer	Grid Type	U-Factor (Btu-in/hr-ft2-F)	SHGC - No Grids	VT - No Grids	SHGC - Grids < 1"	VT - Grids < 1"	SHGC - Grids > 1"	VT - Grids > 1"
293	Full Lite: Default Wood Door Frame, Standard Door: Injection Lite Frame: Lami / Air / Clear (3mm 090PVB 3mm/3mm) 1" IG	0.324		0.550	AIR	0.118						CL	CU-D	N,G	0.34	0.29	0.33	0.26	0.29		
294	Full Lite: Default Wood Door Frame, Standard Door: Injection Lite Frame: Lami / Air / E272 (3mm 090PVB 3mm/3mm) 1" IG	0.324		0.550	AIR	0.117	0.042(#3)					CL	CU-D	N,G	0.27	0.20	0.29	0.18	0.25		
295	Full Lite: Default Wood Door Frame, Standard Door: Injection Lite Frame: Lami / Air / YEA (3mm 090PVB 3mm/3mm) 1" IG	0.324		0.550	AIR	0.126	0.162(#3)					CL	A1-S	N,G	0.29	0.27	0.31	0.24	0.27		
296	Full Lite: Default Wood Door Frame, Standard Door: Injection Lite Frame: Lami / Air / ISE81-6 (3mm 090PVB 3mm/3mm) 1" IG	0.324		0.550	AIR	0.120	0.147(#3)					CL	A1-S	N,G	0.29	0.26	0.30	0.23	0.26		
297	Full Lite: Default Wood Door Frame, Standard Door: Injection Lite Frame: Clear / Air / Deco / Air / Clear (3mm/6mm/3mm) 1" IG	0.123		0.270	AIR	0.225		0.270	AIR	0.123		CL	A1-D	G	0.31			0.26	0.27		



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TOTAL PRODUCT CALCULATIONS (Plastpro Fiberglass Door)																					
Option Number	Description	Pane Thickness 1 (in.)	Low-e Pane 1	Gap Width 1 (in.)	Gap Fill 1	Pane Thickness 2 (in.)	Low-e Pane 2	Gap Width 2 (in.)	Gap Fill 2	Pane Thickness 3 (in.)	Low-e Pane 3	Tint	Spacer	Grid Type	U-Factor (Btu-in/hr-ft <sup>2</sup> -F)	SHGC - No Grids	VT - No Grids	SHGC - Grids < 1"	VT - Grids < 1"	SHGC - Grids > 1"	VT - Grids > 1"
298	Full Lite: Default Wood Door Frame, Standard Door: Injection Lite Frame: Clear / Air / Deco / Air / Clear (3mm/6mm/3mm) 1" IG	0.123		0.270	AIR	0.225		0.270	AIR	0.123		CL	A5-S	G	0.30			0.26	0.27		
299	Full Lite: Default Wood Door Frame, Standard Door: Injection Lite Frame: Clear / Air / Clear (3mm/3mm) BBG 1" IG	0.123		0.750	AIR	0.123						CL	A1-D	N	0.38	0.30	0.31				
300	Full Lite: Default Wood Door Frame, Standard Door: Injection Lite Frame: S83 / Air / Clear (3mm 3mm) BBG 1" IG	0.124	0.103(#2)	0.750	AIR	0.123						CL	A1-D	N	0.32	0.22	0.29				
301	1/4 Lite: Default Steel Door Frame, Standard Door: CPVC Lite Frame: Clear / Air / Clear (3mm/3mm) 1/2" IG	0.123		0.250	AIR	0.123						CL	A1-S	N	0.32	0.11	0.10				
302	1/4 Lite: Default Steel Door Frame, Standard Door: CPVC Lite Frame: Clear / Air / Clear (3mm/3mm) 9/16" IG	0.123		0.313	AIR	0.123						CL	A1-S	G	0.32			0.10	0.09		

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TOTAL PRODUCT CALCULATIONS (Plastpro Fiberglass Door)																					
Option Number	Description	Pane Thickness 1 (in.)	Low-e Pane 1	Gap Width 1 (in.)	Gap Fill 1	Pane Thickness 2 (in.)	Low-e Pane 2	Gap Width 2 (in.)	Gap Fill 2	Pane Thickness 3 (in.)	Low-e Pane 3	Tint	Spacer	Grid Type	U-Factor (Btu-in/hr-ft <sup>2</sup> -F)	SHGC - No Grids	VT - No Grids	SHGC - Grids < 1"	VT - Grids < 1"	SHGC - Grids > 1"	VT - Grids > 1"
303	1/4 Lite: Default Steel Door Frame, Standard Door: CPVC Lite Frame: Clear / Air / Clear (3mm/3mm) 9/16" IG	0.123		0.313	AIR	0.123						CL	A1-S	S	0.32					0.09	0.08
304	1/4 Lite: Default Steel Door Frame, Standard Door: CPVC Lite Frame: CS73 / Air / Clear (3mm/3mm) 1/2" IG	0.123	0.148(#2)	0.250	AIR	0.123						CL	A1-S	N	0.31	0.09	0.09				
305	1/4 Lite: Default Steel Door Frame, Standard Door: CPVC Lite Frame: CS73 / Air / Clear (3mm/3mm) 9/16" IG	0.123	0.148(#2)	0.313	AIR	0.123						CL	A1-S	G	0.31			0.08	0.08		
306	1/4 Lite: Default Steel Door Frame, Standard Door: CPVC Lite Frame: CS73 / Air / Clear (3mm/3mm) 9/16" IG	0.123	0.148(#2)	0.313	AIR	0.123						CL	A1-S	S	0.31					0.07	0.07
307	1/4 Lite: Default Steel Door Frame, Standard Door: CPVC Lite Frame: Clear / Air / Clear (3mm/3mm) 1" IG	0.123		0.750	AIR	0.123						CL	A1-S	N,G	0.32	0.11	0.10	0.10	0.09		
308	1/4 Lite: Default Steel Door Frame, Standard Door: CPVC Lite Frame: Clear / Air / Clear (3mm/3mm) 1" IG	0.123		0.750	AIR	0.123						CL	A1-S	S	0.32					0.09	0.08

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TOTAL PRODUCT CALCULATIONS (Plastpro Fiberglass Door)																					
Option Number	Description	Pane Thickness 1 (in.)	Low-e Pane 1	Gap Width 1 (in.)	Gap Fill 1	Pane Thickness 2 (in.)	Low-e Pane 2	Gap Width 2 (in.)	Gap Fill 2	Pane Thickness 3 (in.)	Low-e Pane 3	Tint	Spacer	Grid Type	U-Factor (Btu-in/hr-ft2-F)	SHGC - No Grids	VT - No Grids	SHGC - Grids < 1"	VT - Grids < 1"	SHGC - Grids > 1"	VT - Grids > 1"
309	1/4 Lite: Default Steel Door Frame, Standard Door: CPVC Lite Frame: CS73 / Air / Clear (3mm/3mm) 1" IG	0.123	0.148(#2)	0.750	AIR	0.123						CL	A1-S	N,G	0.30	0.09	0.09	0.08	0.08		
310	1/4 Lite: Default Steel Door Frame, Standard Door: CPVC Lite Frame: CS73 / Air / Clear (3mm/3mm) 1" IG	0.123	0.148(#2)	0.750	AIR	0.123						CL	A1-S	S	0.30					0.07	0.07
311	1/4 Lite: Default Steel Door Frame, Standard Door: Injection Lite Frame: Clear / Air / Clear (3mm/3mm) 1/2" IG	0.123		0.250	AIR	0.123						CL	CU-D	N	0.33	0.11	0.10				
312	1/4 Lite: Default Steel Door Frame, Standard Door: Injection Lite Frame: Clear / Air / Clear (3mm/3mm) 9/16" IG	0.123		0.313	AIR	0.123						CL	CU-D	G	0.33			0.10	0.09		
313	1/4 Lite: Default Steel Door Frame, Standard Door: Injection Lite Frame: E272 / Air / Clear (3mm/3mm) 1/2" IG	0.117	0.042(#2)	0.250	AIR	0.118						CL	CU-D	N	0.31	0.06	0.09				
314	1/4 Lite: Default Steel Door Frame, Standard Door: Injection Lite Frame: E272 / Air / Clear (3mm/3mm) 9/16" IG	0.117	0.042(#2)	0.313	AIR	0.118						CL	CU-D	G	0.31			0.06	0.08		

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TOTAL PRODUCT CALCULATIONS (Plastpro Fiberglass Door)																					
Option Number	Description	Pane Thickness 1 (in.)	Low-e Pane 1	Gap Width 1 (in.)	Gap Fill 1	Pane Thickness 2 (in.)	Low-e Pane 2	Gap Width 2 (in.)	Gap Fill 2	Pane Thickness 3 (in.)	Low-e Pane 3	Tint	Spacer	Grid Type	U-Factor (Btu-in/hr-ft <sup>2</sup> -F)	SHGC - No Grids	VT - No Grids	SHGC - Grids < 1"	VT - Grids < 1"	SHGC - Grids > 1"	VT - Grids > 1"
315	1/4 Lite: Default Steel Door Frame, Standard Door: Injection Lite Frame: E272 / Argon / Clear (3mm/3mm) 1/2" IG	0.117	0.042(#2)	0.250	ARG90	0.118						CL	CU-D	N	0.30	0.06	0.09				
316	1/4 Lite: Default Steel Door Frame, Standard Door: Injection Lite Frame: E272 / Argon / Clear (3mm/3mm) 9/16" IG	0.117	0.042(#2)	0.313	ARG90	0.118						CL	CU-D	G	0.30			0.06	0.08		
317	1/4 Lite: Default Steel Door Frame, Standard Door: Injection Lite Frame: E272 / Air / Clear (3mm/3mm) 1" IG	0.117	0.042(#2)	0.750	AIR	0.118						CL	CU-D	N,G	0.30	0.06	0.09	0.06	0.08		
318	1/4 Lite: Default Steel Door Frame, Standard Door: Injection Lite Frame: E272 / Argon / Clear (3mm/3mm) 1" IG	0.117	0.042(#2)	0.750	ARG90	0.118						CL	CU-D	N,G	0.29	0.06	0.09	0.06	0.08		
319	1/4 Lite: Default Steel Door Frame, Standard Door: Injection Lite Frame: Lami / Air / Clear (3mm 090PVB 3mm/3mm) 1- 7/32" IG	0.324		0.750	AIR	0.118						CL	A1-S	N,G	0.32	0.09	0.09	0.08	0.08		

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TOTAL PRODUCT CALCULATIONS (Plastpro Fiberglass Door)																					
Option Number	Description	Pane Thickness 1 (in.)	Low-e Pane 1	Gap Width 1 (in.)	Gap Fill 1	Pane Thickness 2 (in.)	Low-e Pane 2	Gap Width 2 (in.)	Gap Fill 2	Pane Thickness 3 (in.)	Low-e Pane 3	Tint	Spacer	Grid Type	U-Factor (Btu-in/hr-ft <sup>2</sup> -F)	SHGC - No Grids	VT - No Grids	SHGC - Grids < 1"	VT - Grids < 1"	SHGC - Grids > 1"	VT - Grids > 1"
320	1/4 Lite: Default Steel Door Frame, Standard Door: Injection Lite Frame: Lami / Air / E272 (3mm 090PVB 3mm/3mm) 1-7/32" IG	0.324		0.750	AIR	0.117	0.042(#3)					CL	CU-D	N,G	0.30	0.07	0.08	0.06	0.07		
321	1/4 Lite: Default Steel Door Frame, Standard Door: Injection Lite Frame: Lami / Air / ISE81-6 (3mm 090PVB 3mm/3mm) 1-7/32" IG	0.324		0.750	AIR	0.120	0.147(#3)					CL	A1-S	N,G	0.31	0.08	0.09	0.07	0.08		
322	1/4 Lite: Default Steel Door Frame, Standard Door: Injection Lite Frame: Lami / Air / YEA (3mm 090PVB 3mm/3mm) 1-7/32" IG	0.324		0.750	AIR	0.126	0.162(#3)					CL	A1-S	N,G	0.31	0.09	0.09	0.08	0.08		
323	1/4 Lite: Default Steel Door Frame, Standard Door: Impact Lite Frame: Lami / Air / Clear (3mm 090PVB 3mm/3mm) 1-7/32" IG	0.324		0.750	AIR	0.118						CL	A1-S	N,G	0.31	0.09	0.09	0.08	0.08		

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TOTAL PRODUCT CALCULATIONS (Plastpro Fiberglass Door)																					
Option Number	Description	Pane Thickness 1 (in.)	Low-e Pane 1	Gap Width 1 (in.)	Gap Fill 1	Pane Thickness 2 (in.)	Low-e Pane 2	Gap Width 2 (in.)	Gap Fill 2	Pane Thickness 3 (in.)	Low-e Pane 3	Tint	Spacer	Grid Type	U-Factor (Btu-in/hr-ft <sup>2</sup> -F)	SHGC - No Grids	VT - No Grids	SHGC - Grids < 1"	VT - Grids < 1"	SHGC - Grids > 1"	VT - Grids > 1"
324	1/4 Lite: Default Steel Door Frame, Standard Door: Impact Lite Frame: Lami / Air / ISE81-6 (3mm 090PVB 3mm/3mm) 1-7/32" IG	0.324		0.750	AIR	0.120	0.147(#3)					CL	A1-S	N,G	0.30	0.08	0.09	0.07	0.08		
325	1/4 Lite: Default Steel Door Frame, Standard Door: Impact Lite Frame: Lami / Air / CS73 (3mm 090PVB 3mm/3mm) 1-7/32" IG	0.324		0.750	AIR	0.123	0.148(#3)					CL	A1-S	N,G	0.30	0.09	0.09	0.08	0.08		
326	1/4 Lite: Default Steel Door Frame, Standard Door: Impact Lite Frame: Lami / Air / Deco / Air / Clear (3mm 090PVB 3mm/6mm)/3mm 1-7/32" IG	0.324		0.270	AIR	0.225		0.270	AIR	0.123		CL	A1-D	G	0.30			0.07	0.08		
327	1/4 Lite: Default Steel Door Frame, Standard Door: Impact Lite Frame: Lami / Air / Deco / Air / Clear (3mm 090PVB 3mm/6mm)/3mm 1-7/32" IG	0.324		0.270	AIR	0.225		0.270	AIR	0.123		CL	A5-S	G	0.30			0.07	0.08		

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**SIMULATION RESULTS**

TOTAL PRODUCT CALCULATIONS (Plastpro Fiberglass Door)																					
Option Number	Description	Pane Thickness 1 (in.)	Low-e Pane 1	Gap Width 1 (in.)	Gap Fill 1	Pane Thickness 2 (in.)	Low-e Pane 2	Gap Width 2 (in.)	Gap Fill 2	Pane Thickness 3 (in.)	Low-e Pane 3	Tint	Spacer	Grid Type	U-Factor (Btu-in/hr-ft <sup>2</sup> -F)	SHGC - No Grids	VT - No Grids	SHGC - Grids < 1"	VT - Grids < 1"	SHGC - Grids > 1"	VT - Grids > 1"
328	1/4 Lite: Default Steel Door Frame, Standard Door: Injection Lite Frame: Lami / Air / Clear (3mm 090PVB 3mm/3mm) 1" IG	0.324		0.550	AIR	0.118						CL	CU-D	N,G	0.32	0.09	0.09	0.08	0.08		
329	1/4 Lite: Default Steel Door Frame, Standard Door: Injection Lite Frame: Lami / Air / E272 (3mm 090PVB 3mm/3mm) 1" IG	0.324		0.550	AIR	0.117	0.042(#3)					CL	CU-D	N,G	0.30	0.07	0.08	0.06	0.07		
330	1/4 Lite: Default Steel Door Frame, Standard Door: Injection Lite Frame: Lami / Air / YEA (3mm 090PVB 3mm/3mm) 1" IG	0.324		0.550	AIR	0.126	0.162(#3)					CL	A1-S	N,G	0.31	0.09	0.09	0.08	0.08		
331	1/4 Lite: Default Steel Door Frame, Standard Door: Injection Lite Frame: Lami / Air / ISE81-6 (3mm 090PVB 3mm/3mm) 1" IG	0.324		0.550	AIR	0.120	0.147(#3)					CL	A1-S	N,G	0.31	0.08	0.09	0.07	0.08		
332	1/4 Lite: Default Steel Door Frame, Standard Door: Injection Lite Frame: Clear / Air / Deco / Air / Clear (3mm/6mm/3mm) 1" IG	0.123		0.270	AIR	0.225		0.270	AIR	0.123		CL	A1-D	G	0.31			0.09	0.08		

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**SIMULATION RESULTS**

TOTAL PRODUCT CALCULATIONS (Plastpro Fiberglass Door)																					
Option Number	Description	Pane Thickness 1 (in.)	Low-e Pane 1	Gap Width 1 (in.)	Gap Fill 1	Pane Thickness 2 (in.)	Low-e Pane 2	Gap Width 2 (in.)	Gap Fill 2	Pane Thickness 3 (in.)	Low-e Pane 3	Tint	Spacer	Grid Type	U-Factor (Btu-in/hr-ft <sup>2</sup> -F)	SHGC - No Grids	VT - No Grids	SHGC - Grids < 1"	VT - Grids < 1"	SHGC - Grids > 1"	VT - Grids > 1"
333	1/4 Lite: Default Steel Door Frame, Standard Door: Injection Lite Frame: Clear / Air / Deco / Air / Clear (3mm/6mm/3mm) 1" IG	0.123		0.270	AIR	0.225		0.270	AIR	0.123		CL	A5-S	G	0.31			0.09	0.08		
334	1/2 Lite: Default Steel Door Frame, Standard Door: CPVC Lite Frame: Clear / Air / Clear (3mm/3mm) 1/2" IG	0.123		0.250	AIR	0.123						CL	A1-S	N	0.37	0.20	0.19				
335	1/2 Lite: Default Steel Door Frame, Standard Door: CPVC Lite Frame: Clear / Air / Clear (3mm/3mm) 9/16" IG	0.123		0.313	AIR	0.123						CL	A1-S	G	0.37			0.17	0.17		
336	1/2 Lite: Default Steel Door Frame, Standard Door: CPVC Lite Frame: Clear / Air / Clear (3mm/3mm) 9/16" IG	0.123		0.313	AIR	0.123						CL	A1-S	S	0.37					0.15	0.14
337	1/2 Lite: Default Steel Door Frame, Standard Door: CPVC Lite Frame: CS73 / Air / Clear (3mm/3mm) 1/2" IG	0.123	0.148(#2)	0.250	AIR	0.123						CL	A1-S	N	0.35	0.16	0.18				



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**SIMULATION RESULTS**

TOTAL PRODUCT CALCULATIONS (Plastpro Fiberglass Door)																					
Option Number	Description	Pane Thickness 1 (in.)	Low-e Pane 1	Gap Width 1 (in.)	Gap Fill 1	Pane Thickness 2 (in.)	Low-e Pane 2	Gap Width 2 (in.)	Gap Fill 2	Pane Thickness 3 (in.)	Low-e Pane 3	Tint	Spacer	Grid Type	U-Factor (Btu-in/hr-ft <sup>2</sup> -F)	SHGC - No Grids	VT - No Grids	SHGC - Grids < 1"	VT - Grids < 1"	SHGC - Grids > 1"	VT - Grids > 1"
338	1/2 Lite: Default Steel Door Frame, Standard Door: CPVC Lite Frame: CS73 / Air / Clear (3mm/3mm) 9/16" IG	0.123	0.148(#2)	0.313	AIR	0.123						CL	A1-S	G	0.34			0.14	0.15		
339	1/2 Lite: Default Steel Door Frame, Standard Door: CPVC Lite Frame: CS73 / Air / Clear (3mm/3mm) 9/16" IG	0.123	0.148(#2)	0.313	AIR	0.123						CL	A1-S	S	0.34					0.13	0.13
340	1/2 Lite: Default Steel Door Frame, Standard Door: CPVC Lite Frame: Clear / Air / Clear (3mm/3mm) 1" IG	0.123		0.750	AIR	0.123						CL	A1-S	N,G	0.36	0.20	0.19	0.17	0.17		
341	1/2 Lite: Default Steel Door Frame, Standard Door: CPVC Lite Frame: Clear / Air / Clear (3mm/3mm) 1" IG	0.123		0.750	AIR	0.123						CL	A1-S	S	0.36					0.15	0.14
342	1/2 Lite: Default Steel Door Frame, Standard Door: CPVC Lite Frame: CS73 / Air / Clear (3mm/3mm) 1" IG	0.123	0.148(#2)	0.750	AIR	0.123						CL	A1-S	N,G	0.33	0.16	0.18	0.14	0.15		
343	1/2 Lite: Default Steel Door Frame, Standard Door: CPVC Lite Frame: CS73 / Air / Clear (3mm/3mm) 1" IG	0.123	0.148(#2)	0.750	AIR	0.123						CL	A1-S	S	0.33					0.13	0.13

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SIMULATION RESULTS**

TOTAL PRODUCT CALCULATIONS (Plastpro Fiberglass Door)																					
Option Number	Description	Pane Thickness 1 (in.)	Low-e Pane 1	Gap Width 1 (in.)	Gap Fill 1	Pane Thickness 2 (in.)	Low-e Pane 2	Gap Width 2 (in.)	Gap Fill 2	Pane Thickness 3 (in.)	Low-e Pane 3	Tint	Spacer	Grid Type	U-Factor (Btu-in/hr-ft2-F)	SHGC - No Grids	VT - No Grids	SHGC - Grids < 1"	VT - Grids < 1"	SHGC - Grids > 1"	VT - Grids > 1"
344	1/2 Lite: Default Steel Door Frame, Standard Door: Injection Lite Frame: Clear / Air / Clear (3mm/3mm) 1/2" IG	0.123		0.250	AIR	0.123						CL	CU-D	N	0.38	0.20	0.19				
345	1/2 Lite: Default Steel Door Frame, Standard Door: Injection Lite Frame: Clear / Air / Clear (3mm/3mm) 9/16" IG	0.123		0.313	AIR	0.123						CL	CU-D	G	0.38			0.17	0.17		
346	1/2 Lite: Default Steel Door Frame, Standard Door: Injection Lite Frame: E272 / Air / Clear (3mm/3mm) 1/2" IG	0.117	0.042(#2)	0.250	AIR	0.118						CL	CU-D	N	0.35	0.11	0.17				
347	1/2 Lite: Default Steel Door Frame, Standard Door: Injection Lite Frame: E272 / Air / Clear (3mm/3mm) 9/16" IG	0.117	0.042(#2)	0.313	AIR	0.118						CL	CU-D	G	0.35			0.10	0.15		
348	1/2 Lite: Default Steel Door Frame, Standard Door: Injection Lite Frame: E272 / Argon / Clear (3mm/3mm) 1/2" IG	0.117	0.042(#2)	0.250	ARG90	0.118						CL	CU-D	N	0.33	0.11	0.17				

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TOTAL PRODUCT CALCULATIONS (Plastpro Fiberglass Door)																					
Option Number	Description	Pane Thickness 1 (in.)	Low-e Pane 1	Gap Width 1 (in.)	Gap Fill 1	Pane Thickness 2 (in.)	Low-e Pane 2	Gap Width 2 (in.)	Gap Fill 2	Pane Thickness 3 (in.)	Low-e Pane 3	Tint	Spacer	Grid Type	U-Factor (Btu-in/hr-ft <sup>2</sup> -F)	SHGC - No Grids	VT - No Grids	SHGC - Grids < 1"	VT - Grids < 1"	SHGC - Grids > 1"	VT - Grids > 1"
349	1/2 Lite: Default Steel Door Frame, Standard Door: Injection Lite Frame: E272 / Argon / Clear (3mm/3mm) 9/16" IG	0.117	0.042(#2)	0.313	ARG90	0.118						CL	CU-D	G	0.33			0.10	0.15		
350	1/2 Lite: Default Steel Door Frame, Standard Door: Injection Lite Frame: E272 / Air / Clear (3mm/3mm) 1" IG	0.117	0.042(#2)	0.750	AIR	0.118						CL	CU-D	N,G	0.33	0.11	0.17	0.10	0.15		
351	1/2 Lite: Default Steel Door Frame, Standard Door: Injection Lite Frame: E272 / Argon / Clear (3mm/3mm) 1" IG	0.117	0.042(#2)	0.750	ARG90	0.118						CL	CU-D	N,G	0.32	0.11	0.17	0.10	0.15		
352	1/2 Lite: Default Steel Door Frame, Standard Door: Injection Lite Frame: Lami / Air / Clear (3mm 090PVB 3mm/3mm) 1- 7/32" IG	0.324		0.750	AIR	0.118						CL	A1-S	N,G	0.37	0.17	0.18	0.15	0.16		
353	1/2 Lite: Default Steel Door Frame, Standard Door: Injection Lite Frame: Lami / Air / E272 (3mm 090PVB 3mm/3mm) 1- 7/32" IG	0.324		0.750	AIR	0.117	0.042(#3)					CL	CU-D	N,G	0.33	0.12	0.16	0.10	0.14		

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TOTAL PRODUCT CALCULATIONS (Plastpro Fiberglass Door)																					
Option Number	Description	Pane Thickness 1 (in.)	Low-e Pane 1	Gap Width 1 (in.)	Gap Fill 1	Pane Thickness 2 (in.)	Low-e Pane 2	Gap Width 2 (in.)	Gap Fill 2	Pane Thickness 3 (in.)	Low-e Pane 3	Tint	Spacer	Grid Type	U-Factor (Btu-in/hr-ft <sup>2</sup> -F)	SHGC - No Grids	VT - No Grids	SHGC - Grids < 1"	VT - Grids < 1"	SHGC - Grids > 1"	VT - Grids > 1"
354	1/2 Lite: Default Steel Door Frame, Standard Door: Injection Lite Frame: Lami / Air / ISE81-6 (3mm 090PVB 3mm/3mm) 1-7/32" IG	0.324		0.750	AIR	0.120	0.147(#3)					CL	A1-S	N,G	0.34	0.15	0.17	0.13	0.15		
355	1/2 Lite: Default Steel Door Frame, Standard Door: Injection Lite Frame: Lami / Air / YEA (3mm 090PVB 3mm/3mm) 1- 7/32" IG	0.324		0.750	AIR	0.126	0.162(#3)					CL	A1-S	N,G	0.34	0.16	0.17	0.14	0.15		
356	1/2 Lite: Default Steel Door Frame, Standard Door: Injection Lite Frame: Lami / Air / Clear (3mm 090PVB 3mm/3mm) BBG 1-7/32" IG	0.324		0.750	AIR	0.118						CL	A1-D	N	0.38	0.15	0.16				
357	1/2 Lite: Default Steel Door Frame, Standard Door: Injection Lite Frame: Lami / Air / S83 (3mm 090PVB 3mm/3mm) BBG 1-7/32" IG	0.324		0.750	AIR	0.124	0.103(#3)					CL	A1-D	N	0.35	0.13	0.15				

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TOTAL PRODUCT CALCULATIONS (Plastpro Fiberglass Door)																					
Option Number	Description	Pane Thickness 1 (in.)	Low-e Pane 1	Gap Width 1 (in.)	Gap Fill 1	Pane Thickness 2 (in.)	Low-e Pane 2	Gap Width 2 (in.)	Gap Fill 2	Pane Thickness 3 (in.)	Low-e Pane 3	Tint	Spacer	Grid Type	U-Factor (Btu-in/hr-ft <sup>2</sup> -F)	SHGC - No Grids	VT - No Grids	SHGC - Grids < 1"	VT - Grids < 1"	SHGC - Grids > 1"	VT - Grids > 1"
358	1/2 Lite: Default Steel Door Frame, Standard Door: Impact Lite Frame: Lami / Air / Clear (3mm 090PVB 3mm/3mm) 1-7/32" IG	0.324		0.750	AIR	0.118						CL	A1-S	N,G	0.36	0.17	0.18	0.15	0.16		
359	1/2 Lite: Default Steel Door Frame, Standard Door: Impact Lite Frame: Lami / Air / ISE81-6 (3mm 090PVB 3mm/3mm) 1-7/32" IG	0.324		0.750	AIR	0.120	0.147(#3)					CL	A1-S	N,G	0.33	0.15	0.17	0.13	0.15		
360	1/2 Lite: Default Steel Door Frame, Standard Door: Impact Lite Frame: Lami / Air / CS73 (3mm 090PVB 3mm/3mm) 1-7/32" IG	0.324		0.750	AIR	0.123	0.148(#3)					CL	A1-S	N,G	0.33	0.16	0.17	0.14	0.14		
361	1/2 Lite: Default Steel Door Frame, Standard Door: Impact Lite Frame: Lami / Air / Deco / Air / Clear (3mm 090PVB 3mm/6mm)/3mm 1-7/32" IG	0.324		0.270	AIR	0.225		0.270	AIR	0.123		CL	A1-D	G	0.33			0.13	0.14		

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TOTAL PRODUCT CALCULATIONS (Plastpro Fiberglass Door)																					
Option Number	Description	Pane Thickness 1 (in.)	Low-e Pane 1	Gap Width 1 (in.)	Gap Fill 1	Pane Thickness 2 (in.)	Low-e Pane 2	Gap Width 2 (in.)	Gap Fill 2	Pane Thickness 3 (in.)	Low-e Pane 3	Tint	Spacer	Grid Type	U-Factor (Btu-in/hr-ft <sup>2</sup> -F)	SHGC - No Grids	VT - No Grids	SHGC - Grids < 1"	VT - Grids < 1"	SHGC - Grids > 1"	VT - Grids > 1"
362	1/2 Lite: Default Steel Door Frame, Standard Door: Impact Lite Frame: Lami / Air / Deco / Air / Clear (3mm 090PVB 3mm/6mm)/3mm 1-7/32" IG	0.324		0.270	AIR	0.225		0.270	AIR	0.123		CL	A5-S	G	0.32			0.13	0.14		
363	1/2 Lite: Default Steel Door Frame, Standard Door: Impact Lite Frame: Lami / Air / Clear (3mm 090PVB 3mm/3mm) BBG 1-7/32" IG	0.324		0.750	AIR	0.118						CL	A1-D	N	0.37	0.15	0.16				
364	1/2 Lite: Default Steel Door Frame, Standard Door: Impact Lite Frame: Lami / Air / S83 (3mm 090PVB 3mm/3mm) BBG 1-7/32" IG	0.324		0.750	AIR	0.124	0.103(#3)					CL	A1-D	N	0.34	0.13	0.15				
365	1/2 Lite: Default Steel Door Frame, Standard Door: Injection Lite Frame: Lami / Air / Clear (3mm 090PVB 3mm/3mm) 1" IG	0.324		0.550	AIR	0.118						CL	CU-D	N,G	0.36	0.17	0.18	0.15	0.16		
366	1/2 Lite: Default Steel Door Frame, Standard Door: Injection Lite Frame: Lami / Air / E272 (3mm 090PVB 3mm/3mm) 1" IG	0.324		0.550	AIR	0.117	0.042(#3)					CL	CU-D	N,G	0.32	0.12	0.16	0.11	0.14		

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TOTAL PRODUCT CALCULATIONS (Plastpro Fiberglass Door)																					
Option Number	Description	Pane Thickness 1 (in.)	Low-e Pane 1	Gap Width 1 (in.)	Gap Fill 1	Pane Thickness 2 (in.)	Low-e Pane 2	Gap Width 2 (in.)	Gap Fill 2	Pane Thickness 3 (in.)	Low-e Pane 3	Tint	Spacer	Grid Type	U-Factor (Btu-in/hr-ft <sup>2</sup> -F)	SHGC - No Grids	VT - No Grids	SHGC - Grids < 1"	VT - Grids < 1"	SHGC - Grids > 1"	VT - Grids > 1"
367	1/2 Lite: Default Steel Door Frame, Standard Door: Injection Lite Frame: Lami / Air / YEA (3mm 090PVB 3mm/3mm) 1" IG	0.324		0.550	AIR	0.126	0.162(#3)					CL	A1-S	N,G	0.34	0.16	0.17	0.14	0.15		
368	1/2 Lite: Default Steel Door Frame, Standard Door: Injection Lite Frame: Lami / Air / ISE81-6 (3mm 090PVB 3mm/3mm) 1" IG	0.324		0.550	AIR	0.120	0.147(#3)					CL	A1-S	N,G	0.34	0.15	0.17	0.13	0.15		
369	1/2 Lite: Default Steel Door Frame, Standard Door: Injection Lite Frame: Clear / Air / Deco / Air / Clear (3mm/6mm/3mm) 1" IG	0.123		0.270	AIR	0.225		0.270	AIR	0.123		CL	A1-D	G	0.34			0.15	0.15		
370	1/2 Lite: Default Steel Door Frame, Standard Door: Injection Lite Frame: Clear / Air / Deco / Air / Clear (3mm/6mm/3mm) 1" IG	0.123		0.270	AIR	0.225		0.270	AIR	0.123		CL	A5-S	G	0.34			0.15	0.15		
371	1/2 Lite: Default Steel Door Frame, Standard Door: Injection Lite Frame: Clear / Air / Clear (3mm/3mm) BBG 1" IG	0.123		0.750	AIR	0.123						CL	A1-D	N	0.39	0.17	0.17				

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TOTAL PRODUCT CALCULATIONS (Plastpro Fiberglass Door)																					
Option Number	Description	Pane Thickness 1 (in.)	Low-e Pane 1	Gap Width 1 (in.)	Gap Fill 1	Pane Thickness 2 (in.)	Low-e Pane 2	Gap Width 2 (in.)	Gap Fill 2	Pane Thickness 3 (in.)	Low-e Pane 3	Tint	Spacer	Grid Type	U-Factor (Btu-in/hr-ft2-F)	SHGC - No Grids	VT - No Grids	SHGC - Grids < 1"	VT - Grids < 1"	SHGC - Grids > 1"	VT - Grids > 1"
372	1/2 Lite: Default Steel Door Frame, Standard Door: Injection Lite Frame: S83 / Air / Clear (3mm 3mm) BBG 1" IG	0.124	0.103(#2)	0.750	AIR	0.123						CL	A1-D	N	0.36	0.13	0.16				
373	3/4 Lite: Default Steel Door Frame, Standard Door: CPVC Lite Frame: Clear / Air / Clear (3mm/3mm) 1/2" IG	0.123		0.250	AIR	0.123						CL	A1-S	N	0.41	0.26	0.26				
374	3/4 Lite: Default Steel Door Frame, Standard Door: CPVC Lite Frame: Clear / Air / Clear (3mm/3mm) 9/16" IG	0.123		0.313	AIR	0.123						CL	A1-S	G	0.41			0.23	0.23		
375	3/4 Lite: Default Steel Door Frame, Standard Door: CPVC Lite Frame: Clear / Air / Clear (3mm/3mm) 9/16" IG	0.123		0.313	AIR	0.123						CL	A1-S	S	0.41					0.20	0.19
376	3/4 Lite: Default Steel Door Frame, Standard Door: CPVC Lite Frame: CS73 / Air / Clear (3mm/3mm) 1/2" IG	0.123	0.148(#2)	0.250	AIR	0.123						CL	A1-S	N	0.38	0.22	0.24				



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Option Number	Description	Pane Thickness 1 (in.)	Low-e Pane 1	Gap Width 1 (in.)	Gap Fill 1	Pane Thickness 2 (in.)	Low-e Pane 2	Gap Width 2 (in.)	Gap Fill 2	Pane Thickness 3 (in.)	Low-e Pane 3	Tint	Spacer	Grid Type	U-Factor (Btu-in/hr-ft <sup>2</sup> -F)	SHGC - No Grids	VT - No Grids	SHGC - Grids < 1"	VT - Grids < 1"	SHGC - Grids > 1"	VT - Grids > 1"
377	3/4 Lite: Default Steel Door Frame, Standard Door: CPVC Lite Frame: CS73 / Air / Clear (3mm/3mm) 9/16" IG	0.123	0.148(#2)	0.313	AIR	0.123						CL	A1-S	G	0.37			0.19	0.20		
378	3/4 Lite: Default Steel Door Frame, Standard Door: CPVC Lite Frame: CS73 / Air / Clear (3mm/3mm) 9/16" IG	0.123	0.148(#2)	0.313	AIR	0.123						CL	A1-S	S	0.37					0.17	0.18
379	3/4 Lite: Default Steel Door Frame, Standard Door: CPVC Lite Frame: Clear / Air / Clear (3mm/3mm) 1" IG	0.123		0.750	AIR	0.123						CL	A1-S	N,G	0.39	0.26	0.26	0.23	0.23		
380	3/4 Lite: Default Steel Door Frame, Standard Door: CPVC Lite Frame: Clear / Air / Clear (3mm/3mm) 1" IG	0.123		0.750	AIR	0.123						CL	A1-S	S	0.39					0.20	0.19
381	3/4 Lite: Default Steel Door Frame, Standard Door: CPVC Lite Frame: CS73 / Air / Clear (3mm/3mm) 1" IG	0.123	0.148(#2)	0.750	AIR	0.123						CL	A1-S	N,G	0.35	0.21	0.24	0.19	0.20		
382	3/4 Lite: Default Steel Door Frame, Standard Door: CPVC Lite Frame: CS73 / Air / Clear (3mm/3mm) 1" IG	0.123	0.148(#2)	0.750	AIR	0.123						CL	A1-S	S	0.35					0.17	0.18

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**SIMULATION RESULTS**

TOTAL PRODUCT CALCULATIONS (Plastpro Fiberglass Door)																					
Option Number	Description	Pane Thickness 1 (in.)	Low-e Pane 1	Gap Width 1 (in.)	Gap Fill 1	Pane Thickness 2 (in.)	Low-e Pane 2	Gap Width 2 (in.)	Gap Fill 2	Pane Thickness 3 (in.)	Low-e Pane 3	Tint	Spacer	Grid Type	U-Factor (Btu-in/hr-ft <sup>2</sup> -F)	SHGC - No Grids	VT - No Grids	SHGC - Grids < 1"	VT - Grids < 1"	SHGC - Grids > 1"	VT - Grids > 1"
383	3/4 Lite: Default Steel Door Frame, Standard Door: Injection Lite Frame: Clear / Air / Clear (3mm/3mm) 1/2" IG	0.123		0.250	AIR	0.123						CL	CU-D	N	0.42	0.26	0.26				
384	3/4 Lite: Default Steel Door Frame, Standard Door: Injection Lite Frame: Clear / Air / Clear (3mm/3mm) 9/16" IG	0.123		0.313	AIR	0.123						CL	CU-D	G	0.42			0.23	0.23		
385	3/4 Lite: Default Steel Door Frame, Standard Door: Injection Lite Frame: E272 / Air / Clear (3mm/3mm) 1/2" IG	0.117	0.042(#2)	0.250	AIR	0.118						CL	CU-D	N	0.38	0.14	0.23				
386	3/4 Lite: Default Steel Door Frame, Standard Door: Injection Lite Frame: E272 / Air / Clear (3mm/3mm) 9/16" IG	0.117	0.042(#2)	0.313	AIR	0.118						CL	CU-D	G	0.37			0.13	0.20		
387	3/4 Lite: Default Steel Door Frame, Standard Door: Injection Lite Frame: E272 / Argon / Clear (3mm/3mm) 1/2" IG	0.117	0.042(#2)	0.250	ARG90	0.118						CL	CU-D	N	0.35	0.14	0.23				

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**SIMULATION RESULTS**

TOTAL PRODUCT CALCULATIONS (Plastpro Fiberglass Door)																					
Option Number	Description	Pane Thickness 1 (in.)	Low-e Pane 1	Gap Width 1 (in.)	Gap Fill 1	Pane Thickness 2 (in.)	Low-e Pane 2	Gap Width 2 (in.)	Gap Fill 2	Pane Thickness 3 (in.)	Low-e Pane 3	Tint	Spacer	Grid Type	U-Factor (Btu-in/hr-ft2-F)	SHGC - No Grids	VT - No Grids	SHGC - Grids < 1"	VT - Grids < 1"	SHGC - Grids > 1"	VT - Grids > 1"
388	3/4 Lite: Default Steel Door Frame, Standard Door: Injection Lite Frame: E272 / Argon / Clear (3mm/3mm) 9/16" IG	0.117	0.042(#2)	0.313	ARG90	0.118						CL	CU-D	G	0.35			0.13	0.20		
389	3/4 Lite: Default Steel Door Frame, Standard Door: Injection Lite Frame: E272 / Air / Clear (3mm/3mm) 1" IG	0.117	0.042(#2)	0.750	AIR	0.118						CL	CU-D	N,G	0.35	0.14	0.23	0.13	0.20		
390	3/4 Lite: Default Steel Door Frame, Standard Door: Injection Lite Frame: E272 / Argon / Clear (3mm/3mm) 1" IG	0.117	0.042(#2)	0.750	ARG90	0.118						CL	CU-D	N,G	0.33	0.14	0.23	0.12	0.20		
391	3/4 Lite: Default Steel Door Frame, Standard Door: Injection Lite Frame: Lami / Air / Clear (3mm 090PVB 3mm/3mm) 1-7/32" IG	0.324		0.750	AIR	0.118						CL	A1-S	N,G	0.40	0.22	0.25	0.19	0.22		
392	3/4 Lite: Default Steel Door Frame, Standard Door: Injection Lite Frame: Lami / Air / E272 (3mm 090PVB 3mm/3mm) 1-7/32" IG	0.324		0.750	AIR	0.117	0.042(#3)					CL	CU-D	N,G	0.34	0.15	0.22	0.14	0.19		

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SIMULATION RESULTS**

TOTAL PRODUCT CALCULATIONS (Plastpro Fiberglass Door)																					
Option Number	Description	Pane Thickness 1 (in.)	Low-e Pane 1	Gap Width 1 (in.)	Gap Fill 1	Pane Thickness 2 (in.)	Low-e Pane 2	Gap Width 2 (in.)	Gap Fill 2	Pane Thickness 3 (in.)	Low-e Pane 3	Tint	Spacer	Grid Type	U-Factor (Btu-in/hr-ft <sup>2</sup> -F)	SHGC - No Grids	VT - No Grids	SHGC - Grids < 1"	VT - Grids < 1"	SHGC - Grids > 1"	VT - Grids > 1"
393	3/4 Lite: Default Steel Door Frame, Standard Door: Injection Lite Frame: Lami / Air / ISE81-6 (3mm 090PVB 3mm/3mm) 1-7/32" IG	0.324		0.750	AIR	0.120	0.147(#3)					CL	A1-S	N,G	0.36	0.20	0.22	0.17	0.19		
394	3/4 Lite: Default Steel Door Frame, Standard Door: Injection Lite Frame: Lami / Air / YEA (3mm 090PVB 3mm/3mm) 1-7/32" IG	0.324		0.750	AIR	0.126	0.162(#3)					CL	A1-S	N,G	0.36	0.21	0.23	0.18	0.20		
395	3/4 Lite: Default Steel Door Frame, Standard Door: Injection Lite Frame: Lami / Air / Clear (3mm 090PVB 3mm/3mm) BBG 1-7/32" IG	0.324		0.750	AIR	0.118						CL	A1-D	N	0.42	0.20	0.21				
396	3/4 Lite: Default Steel Door Frame, Standard Door: Injection Lite Frame: Lami / Air / S83 (3mm 090PVB 3mm/3mm) BBG 1-7/32" IG	0.324		0.750	AIR	0.124	0.103(#3)					CL	A1-D	N	0.38	0.17	0.20				

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TOTAL PRODUCT CALCULATIONS (Plastpro Fiberglass Door)																					
Option Number	Description	Pane Thickness 1 (in.)	Low-e Pane 1	Gap Width 1 (in.)	Gap Fill 1	Pane Thickness 2 (in.)	Low-e Pane 2	Gap Width 2 (in.)	Gap Fill 2	Pane Thickness 3 (in.)	Low-e Pane 3	Tint	Spacer	Grid Type	U-Factor (Btu-in/hr-ft <sup>2</sup> -F)	SHGC - No Grids	VT - No Grids	SHGC - Grids < 1"	VT - Grids < 1"	SHGC - Grids > 1"	VT - Grids > 1"
397	3/4 Lite: Default Steel Door Frame, Standard Door: Impact Lite Frame: Lami / Air / Clear (3mm 090PVB 3mm/3mm) 1-7/32" IG	0.324		0.750	AIR	0.118						CL	A1-S	N,G	0.39	0.22	0.25	0.19	0.22		
398	3/4 Lite: Default Steel Door Frame, Standard Door: Impact Lite Frame: Lami / Air / ISE81-6 (3mm 090PVB 3mm/3mm) 1-7/32" IG	0.324		0.750	AIR	0.120	0.147(#3)					CL	A1-S	N,G	0.35	0.20	0.22	0.17	0.19		
399	3/4 Lite: Default Steel Door Frame, Standard Door: Impact Lite Frame: Lami / Air / CS73 (3mm 090PVB 3mm/3mm) 1-7/32" IG	0.324		0.750	AIR	0.123	0.148(#3)					CL	A1-S	N,G	0.35	0.21	0.22	0.18	0.19		
400	3/4 Lite: Default Steel Door Frame, Standard Door: Impact Lite Frame: Lami / Air / Deco / Air / Clear (3mm 090PVB 3mm/6mm)/3mm 1-7/32" IG	0.324		0.270	AIR	0.225		0.270	AIR	0.123		CL	A1-D	G	0.35			0.17	0.19		

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TOTAL PRODUCT CALCULATIONS (Plastpro Fiberglass Door)																					
Option Number	Description	Pane Thickness 1 (in.)	Low-e Pane 1	Gap Width 1 (in.)	Gap Fill 1	Pane Thickness 2 (in.)	Low-e Pane 2	Gap Width 2 (in.)	Gap Fill 2	Pane Thickness 3 (in.)	Low-e Pane 3	Tint	Spacer	Grid Type	U-Factor (Btu-in/hr-ft2-F)	SHGC - No Grids	VT - No Grids	SHGC - Grids < 1"	VT - Grids < 1"	SHGC - Grids > 1"	VT - Grids > 1"
401	3/4 Lite: Default Steel Door Frame, Standard Door: Impact Lite Frame: Lami / Air / Deco / Air / Clear (3mm 090PVB 3mm/6mm)/3mm 1-7/32" IG	0.324		0.270	AIR	0.225		0.270	AIR	0.123		CL	A5-S	G	0.34			0.17	0.19		
402	3/4 Lite: Default Steel Door Frame, Standard Door: Impact Lite Frame: Lami / Air / Clear (3mm 090PVB 3mm/3mm) BBG 1-7/32" IG	0.324		0.750	AIR	0.118						CL	A1-D	N	0.40	0.20	0.21				
403	3/4 Lite: Default Steel Door Frame, Standard Door: Impact Lite Frame: Lami / Air / S83 (3mm 090PVB 3mm/3mm) BBG 1-7/32" IG	0.324		0.750	AIR	0.124	0.103(#3)					CL	A1-D	N	0.36	0.17	0.20				
404	3/4 Lite: Default Steel Door Frame, Standard Door: Injection Lite Frame: Lami / Air / Clear (3mm 090PVB 3mm/3mm) 1" IG	0.324		0.550	AIR	0.118						CL	CU-D	N,G	0.39	0.22	0.25	0.19	0.22		
405	3/4 Lite: Default Steel Door Frame, Standard Door: Injection Lite Frame: Lami / Air / E272 (3mm 090PVB 3mm/3mm) 1" IG	0.324		0.550	AIR	0.117	0.042(#3)					CL	CU-D	N,G	0.34	0.15	0.22	0.14	0.19		

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TOTAL PRODUCT CALCULATIONS (Plastpro Fiberglass Door)																					
Option Number	Description	Pane Thickness 1 (in.)	Low-e Pane 1	Gap Width 1 (in.)	Gap Fill 1	Pane Thickness 2 (in.)	Low-e Pane 2	Gap Width 2 (in.)	Gap Fill 2	Pane Thickness 3 (in.)	Low-e Pane 3	Tint	Spacer	Grid Type	U-Factor (Btu-in/hr-ft <sup>2</sup> -F)	SHGC - No Grids	VT - No Grids	SHGC - Grids < 1"	VT - Grids < 1"	SHGC - Grids > 1"	VT - Grids > 1"
406	3/4 Lite: Default Steel Door Frame, Standard Door: Injection Lite Frame: Lami / Air / YEA (3mm 090PVB 3mm/3mm) 1" IG	0.324		0.550	AIR	0.126	0.162(#3)					CL	A1-S	N,G	0.36	0.21	0.23	0.18	0.20		
407	3/4 Lite: Default Steel Door Frame, Standard Door: Injection Lite Frame: Lami / Air / ISE81-6 (3mm 090PVB 3mm/3mm) 1" IG	0.324		0.550	AIR	0.120	0.147(#3)					CL	A1-S	N,G	0.36	0.20	0.22	0.17	0.19		
408	3/4 Lite: Default Steel Door Frame, Standard Door: Injection Lite Frame: Clear / Air / Deco / Air / Clear (3mm/6mm/3mm) 1" IG	0.123		0.270	AIR	0.225		0.270	AIR	0.123		CL	A1-D	G	0.37			0.20	0.20		
409	3/4 Lite: Default Steel Door Frame, Standard Door: Injection Lite Frame: Clear / Air / Deco / Air / Clear (3mm/6mm/3mm) 1" IG	0.123		0.270	AIR	0.225		0.270	AIR	0.123		CL	A5-S	G	0.36			0.20	0.20		
410	3/4 Lite: Default Steel Door Frame, Standard Door: Injection Lite Frame: Clear / Air / Clear (3mm/3mm) BBG 1" IG	0.123		0.750	AIR	0.123						CL	A1-D	N	0.43	0.23	0.23				

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TOTAL PRODUCT CALCULATIONS (Plastpro Fiberglass Door)																					
Option Number	Description	Pane Thickness 1 (in.)	Low-e Pane 1	Gap Width 1 (in.)	Gap Fill 1	Pane Thickness 2 (in.)	Low-e Pane 2	Gap Width 2 (in.)	Gap Fill 2	Pane Thickness 3 (in.)	Low-e Pane 3	Tint	Spacer	Grid Type	U-Factor (Btu-in/hr-ft <sup>2</sup> -F)	SHGC - No Grids	VT - No Grids	SHGC - Grids < 1"	VT - Grids < 1"	SHGC - Grids > 1"	VT - Grids > 1"
411	3/4 Lite: Default Steel Door Frame, Standard Door: Injection Lite Frame: S83 / Air / Clear (3mm 3mm) BBG 1" IG	0.124	0.103(#2)	0.750	AIR	0.123						CL	A1-D	N	0.38	0.17	0.21				
412	Full Lite: Default Steel Door Frame, Standard Door: CPVC Lite Frame: Clear / Air / Clear (3mm/3mm) 1/2" IG	0.123		0.250	AIR	0.123						CL	A1-S	N	0.46	0.34	0.35				
413	Full Lite: Default Steel Door Frame, Standard Door: CPVC Lite Frame: Clear / Air / Clear (3mm/3mm) 9/16" IG	0.123		0.313	AIR	0.123						CL	A1-S	G	0.45			0.30	0.30		
414	Full Lite: Default Steel Door Frame, Standard Door: CPVC Lite Frame: Clear / Air / Clear (3mm/3mm) 9/16" IG	0.123		0.313	AIR	0.123						CL	A1-S	S	0.45					0.26	0.26
415	Full Lite: Default Steel Door Frame, Standard Door: CPVC Lite Frame: CS73 / Air / Clear (3mm/3mm) 1/2" IG	0.123	0.148(#2)	0.250	AIR	0.123						CL	A1-S	N	0.41	0.29	0.32				



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TOTAL PRODUCT CALCULATIONS (Plastpro Fiberglass Door)																					
Option Number	Description	Pane Thickness 1 (in.)	Low-e Pane 1	Gap Width 1 (in.)	Gap Fill 1	Pane Thickness 2 (in.)	Low-e Pane 2	Gap Width 2 (in.)	Gap Fill 2	Pane Thickness 3 (in.)	Low-e Pane 3	Tint	Spacer	Grid Type	U-Factor (Btu-in/hr-ft <sup>2</sup> -F)	SHGC - No Grids	VT - No Grids	SHGC - Grids < 1"	VT - Grids < 1"	SHGC - Grids > 1"	VT - Grids > 1"
416	Full Lite: Default Steel Door Frame, Standard Door: CPVC Lite Frame: CS73 / Air / Clear (3mm/3mm) 9/16" IG	0.123	0.148(#2)	0.313	AIR	0.123						CL	A1-S	G	0.41			0.25	0.28		
417	Full Lite: Default Steel Door Frame, Standard Door: CPVC Lite Frame: CS73 / Air / Clear (3mm/3mm) 9/16" IG	0.123	0.148(#2)	0.313	AIR	0.123						CL	A1-S	S	0.41					0.22	0.24
418	Full Lite: Default Steel Door Frame, Standard Door: CPVC Lite Frame: Clear / Air / Clear (3mm/3mm) 1" IG	0.123		0.750	AIR	0.123						CL	A1-S	N,G	0.43	0.34	0.35	0.30	0.30		
419	Full Lite: Default Steel Door Frame, Standard Door: CPVC Lite Frame: Clear / Air / Clear (3mm/3mm) 1" IG	0.123		0.750	AIR	0.123						CL	A1-S	S	0.43					0.27	0.26
420	Full Lite: Default Steel Door Frame, Standard Door: CPVC Lite Frame: CS73 / Air / Clear (3mm/3mm) 1" IG	0.123	0.148(#2)	0.750	AIR	0.123						CL	A1-S	N,G	0.38	0.28	0.32	0.25	0.28		
421	Full Lite: Default Steel Door Frame, Standard Door: CPVC Lite Frame: CS73 / Air / Clear (3mm/3mm) 1" IG	0.123	0.148(#2)	0.750	AIR	0.123						CL	A1-S	S	0.38					0.22	0.24

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TOTAL PRODUCT CALCULATIONS (Plastpro Fiberglass Door)																					
Option Number	Description	Pane Thickness 1 (in.)	Low-e Pane 1	Gap Width 1 (in.)	Gap Fill 1	Pane Thickness 2 (in.)	Low-e Pane 2	Gap Width 2 (in.)	Gap Fill 2	Pane Thickness 3 (in.)	Low-e Pane 3	Tint	Spacer	Grid Type	U-Factor (Btu-in/hr-ft <sup>2</sup> -F)	SHGC - No Grids	VT - No Grids	SHGC - Grids < 1"	VT - Grids < 1"	SHGC - Grids > 1"	VT - Grids > 1"
422	Full Lite: Default Steel Door Frame, Standard Door: Injection Lite Frame: Clear / Air / Clear (3mm/3mm) 1/2" IG	0.123		0.250	AIR	0.123						CL	CU-D	N	0.47	0.34	0.35				
423	Full Lite: Default Steel Door Frame, Standard Door: Injection Lite Frame: Clear / Air / Clear (3mm/3mm) 9/16" IG	0.123		0.313	AIR	0.123						CL	CU-D	G	0.47			0.30	0.30		
424	Full Lite: Default Steel Door Frame, Standard Door: Injection Lite Frame: E272 / Air / Clear (3mm/3mm) 1/2" IG	0.117	0.042(#2)	0.250	AIR	0.118						CL	CU-D	N	0.41	0.19	0.31				
425	Full Lite: Default Steel Door Frame, Standard Door: Injection Lite Frame: E272 / Air / Clear (3mm/3mm) 9/16" IG	0.117	0.042(#2)	0.313	AIR	0.118						CL	CU-D	G	0.41			0.17	0.27		
426	Full Lite: Default Steel Door Frame, Standard Door: Injection Lite Frame: E272 / Argon / Clear (3mm/3mm) 1/2" IG	0.117	0.042(#2)	0.250	ARG90	0.118						CL	CU-D	N	0.38	0.19	0.31				

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TOTAL PRODUCT CALCULATIONS (Plastpro Fiberglass Door)																					
Option Number	Description	Pane Thickness 1 (in.)	Low-e Pane 1	Gap Width 1 (in.)	Gap Fill 1	Pane Thickness 2 (in.)	Low-e Pane 2	Gap Width 2 (in.)	Gap Fill 2	Pane Thickness 3 (in.)	Low-e Pane 3	Tint	Spacer	Grid Type	U-Factor (Btu-in/hr-ft <sup>2</sup> -F)	SHGC - No Grids	VT - No Grids	SHGC - Grids < 1"	VT - Grids < 1"	SHGC - Grids > 1"	VT - Grids > 1"
427	Full Lite: Default Steel Door Frame, Standard Door: Injection Lite Frame: E272 / Argon / Clear (3mm/3mm) 9/16" IG	0.117	0.042(#2)	0.313	ARG90	0.118						CL	CU-D	G	0.38			0.17	0.27		
428	Full Lite: Default Steel Door Frame, Standard Door: Injection Lite Frame: E272 / Air / Clear (3mm/3mm) 1" IG	0.117	0.042(#2)	0.750	AIR	0.118						CL	CU-D	N,G	0.37	0.19	0.31	0.16	0.27		
429	Full Lite: Default Steel Door Frame, Standard Door: Injection Lite Frame: E272 / Argon / Clear (3mm/3mm) 1" IG	0.117	0.042(#2)	0.750	ARG90	0.118						CL	CU-D	N,G	0.35	0.18	0.31	0.16	0.27		
430	Full Lite: Default Steel Door Frame, Standard Door: Injection Lite Frame: Lami / Air / Clear (3mm 090PVB 3mm/3mm) 1- 7/32" IG	0.324		0.750	AIR	0.118						CL	A1-S	N,G	0.44	0.29	0.33	0.26	0.29		
431	Full Lite: Default Steel Door Frame, Standard Door: Injection Lite Frame: Lami / Air / E272 (3mm 090PVB 3mm/3mm) 1- 7/32" IG	0.324		0.750	AIR	0.117	0.042(#3)					CL	CU-D	N,G	0.37	0.20	0.29	0.18	0.25		

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TOTAL PRODUCT CALCULATIONS (Plastpro Fiberglass Door)																					
Option Number	Description	Pane Thickness 1 (in.)	Low-e Pane 1	Gap Width 1 (in.)	Gap Fill 1	Pane Thickness 2 (in.)	Low-e Pane 2	Gap Width 2 (in.)	Gap Fill 2	Pane Thickness 3 (in.)	Low-e Pane 3	Tint	Spacer	Grid Type	U-Factor (Btu-in/hr-ft <sup>2</sup> -F)	SHGC - No Grids	VT - No Grids	SHGC - Grids < 1"	VT - Grids < 1"	SHGC - Grids > 1"	VT - Grids > 1"
432	Full Lite: Default Steel Door Frame, Standard Door: Injection Lite Frame: Lami / Air / ISE81-6 (3mm 090PVB 3mm/3mm) 1-7/32" IG	0.324		0.750	AIR	0.120	0.147(#3)					CL	A1-S	N,G	0.39	0.26	0.30	0.23	0.26		
433	Full Lite: Default Steel Door Frame, Standard Door: Injection Lite Frame: Lami / Air / YEA (3mm 090PVB 3mm/3mm) 1- 7/32" IG	0.324		0.750	AIR	0.126	0.162(#3)					CL	A1-S	N,G	0.39	0.27	0.31	0.24	0.27		
434	Full Lite: Default Steel Door Frame, Standard Door: Injection Lite Frame: Lami / Air / Clear (3mm 090PVB 3mm/3mm) BBG 1-7/32" IG	0.324		0.750	AIR	0.118						CL	A1-D	N	0.46	0.26	0.29				
435	Full Lite: Default Steel Door Frame, Standard Door: Injection Lite Frame: Lami / Air / S83 (3mm 090PVB 3mm/3mm) BBG 1-7/32" IG	0.324		0.750	AIR	0.124	0.103(#3)					CL	A1-D	N	0.41	0.23	0.27				

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Option Number	Description	Pane Thickness 1 (in.)	Low-e Pane 1	Gap Width 1 (in.)	Gap Fill 1	Pane Thickness 2 (in.)	Low-e Pane 2	Gap Width 2 (in.)	Gap Fill 2	Pane Thickness 3 (in.)	Low-e Pane 3	Tint	Spacer	Grid Type	U-Factor (Btu-in/hr-ft <sup>2</sup> -F)	SHGC - No Grids	VT - No Grids	SHGC - Grids < 1"	VT - Grids < 1"	SHGC - Grids > 1"	VT - Grids > 1"
436	Full Lite: Default Steel Door Frame, Standard Door: Impact Lite Frame: Lami / Air / Clear (3mm 090PVB 3mm/3mm) 1-7/32" IG	0.324		0.750	AIR	0.118						CL	A1-S	N,G	0.42	0.29	0.33	0.26	0.29		
437	Full Lite: Default Steel Door Frame, Standard Door: Impact Lite Frame: Lami / Air / ISE81-6 (3mm 090PVB 3mm/3mm) 1-7/32" IG	0.324		0.750	AIR	0.120	0.147(#3)					CL	A1-S	N,G	0.37	0.26	0.30	0.23	0.26		
438	Full Lite: Default Steel Door Frame, Standard Door: Impact Lite Frame: Lami / Air / CS73 (3mm 090PVB 3mm/3mm) 1-7/32" IG	0.324		0.750	AIR	0.123	0.148(#3)					CL	A1-S	N,G	0.37	0.27	0.30	0.24	0.26		
439	Full Lite: Default Steel Door Frame, Standard Door: Impact Lite Frame: Lami / Air / Deco / Air / Clear (3mm 090PVB 3mm/6mm)/3mm 1-7/32" IG	0.324		0.270	AIR	0.225		0.270	AIR	0.123		CL	A1-D	G	0.38			0.23	0.26		

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TOTAL PRODUCT CALCULATIONS (Plastpro Fiberglass Door)																					
Option Number	Description	Pane Thickness 1 (in.)	Low-e Pane 1	Gap Width 1 (in.)	Gap Fill 1	Pane Thickness 2 (in.)	Low-e Pane 2	Gap Width 2 (in.)	Gap Fill 2	Pane Thickness 3 (in.)	Low-e Pane 3	Tint	Spacer	Grid Type	U-Factor (Btu-in/hr-ft <sup>2</sup> -F)	SHGC - No Grids	VT - No Grids	SHGC - Grids < 1"	VT - Grids < 1"	SHGC - Grids > 1"	VT - Grids > 1"
440	Full Lite: Default Steel Door Frame, Standard Door: Impact Lite Frame: Lami / Air / Deco / Air / Clear (3mm 090PVB 3mm/6mm)/3mm 1-7/32" IG	0.324		0.270	AIR	0.225		0.270	AIR	0.123		CL	A5-S	G	0.37			0.23	0.26		
441	Full Lite: Default Steel Door Frame, Standard Door: Impact Lite Frame: Lami / Air / Clear (3mm 090PVB 3mm/3mm) BBG 1-7/32" IG	0.324		0.750	AIR	0.118						CL	A1-D	N	0.44	0.26	0.29				
442	Full Lite: Default Steel Door Frame, Standard Door: Impact Lite Frame: Lami / Air / S83 (3mm 090PVB 3mm/3mm) BBG 1-7/32" IG	0.324		0.750	AIR	0.124	0.103(#3)					CL	A1-D	N	0.39	0.23	0.27				
443	Full Lite: Default Steel Door Frame, Standard Door: Injection Lite Frame: Lami / Air / Clear (3mm 090PVB 3mm/3mm) 1" IG	0.324		0.550	AIR	0.118						CL	CU-D	N,G	0.43	0.29	0.33	0.26	0.29		
444	Full Lite: Default Steel Door Frame, Standard Door: Injection Lite Frame: Lami / Air / E272 (3mm 090PVB 3mm/3mm) 1" IG	0.324		0.550	AIR	0.117	0.042(#3)					CL	CU-D	N,G	0.36	0.20	0.29	0.18	0.25		

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**SIMULATION RESULTS**

TOTAL PRODUCT CALCULATIONS (Plastpro Fiberglass Door)																					
Option Number	Description	Pane Thickness 1 (in.)	Low-e Pane 1	Gap Width 1 (in.)	Gap Fill 1	Pane Thickness 2 (in.)	Low-e Pane 2	Gap Width 2 (in.)	Gap Fill 2	Pane Thickness 3 (in.)	Low-e Pane 3	Tint	Spacer	Grid Type	U-Factor (Btu-in/hr-ft <sup>2</sup> -F)	SHGC - No Grids	VT - No Grids	SHGC - Grids < 1"	VT - Grids < 1"	SHGC - Grids > 1"	VT - Grids > 1"
445	Full Lite: Default Steel Door Frame, Standard Door: Injection Lite Frame: Lami / Air / YEA (3mm 090PVB 3mm/3mm) 1" IG	0.324		0.550	AIR	0.126	0.162(#3)					CL	A1-S	N,G	0.39	0.27	0.31	0.24	0.27		
446	Full Lite: Default Steel Door Frame, Standard Door: Injection Lite Frame: Lami / Air / ISE81-6 (3mm 090PVB 3mm/3mm) 1" IG	0.324		0.550	AIR	0.120	0.147(#3)					CL	A1-S	N,G	0.39	0.26	0.30	0.23	0.26		
447	Full Lite: Default Steel Door Frame, Standard Door: Injection Lite Frame: Clear / Air / Deco / Air / Clear (3mm/6mm/3mm) 1" IG	0.123		0.270	AIR	0.225		0.270	AIR	0.123		CL	A1-D	G	0.40			0.27	0.27		
448	Full Lite: Default Steel Door Frame, Standard Door: Injection Lite Frame: Clear / Air / Deco / Air / Clear (3mm/6mm/3mm) 1" IG	0.123		0.270	AIR	0.225		0.270	AIR	0.123		CL	A5-S	G	0.39			0.27	0.27		
449	Full Lite: Default Steel Door Frame, Standard Door: Injection Lite Frame: Clear / Air / Clear (3mm/3mm) BBG 1" IG	0.123		0.750	AIR	0.123						CL	A1-D	N	0.48	0.31	0.31				

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**SIMULATION RESULTS**

TOTAL PRODUCT CALCULATIONS (Plastpro Fiberglass Door)																					
Option Number	Description	Pane Thickness 1 (in.)	Low-e Pane 1	Gap Width 1 (in.)	Gap Fill 1	Pane Thickness 2 (in.)	Low-e Pane 2	Gap Width 2 (in.)	Gap Fill 2	Pane Thickness 3 (in.)	Low-e Pane 3	Tint	Spacer	Grid Type	U-Factor (Btu-in/hr-ft <sup>2</sup> -F)	SHGC - No Grids	VT - No Grids	SHGC - Grids < 1"	VT - Grids < 1"	SHGC - Grids > 1"	VT - Grids > 1"
450	Full Lite: Default Steel Door Frame, Standard Door: Injection Lite Frame: S83 / Air / Clear (3mm 3mm) BBG 1" IG	0.124	0.103(#2)	0.750	AIR	0.123						CL	A1-D	N	0.42	0.23	0.29				
451	1/4 Lite: CPVC Door Frame, Extreme Door: CPVC Lite Frame: Clear / Air / Clear (3mm/3mm) 1/2" IG	0.123		0.250	AIR	0.123						CL	A1-S	N	0.24	0.10	0.10				
452	1/4 Lite: CPVC Door Frame, Extreme Door: CPVC Lite Frame: Clear / Air / Clear (3mm/3mm) 9/16" IG	0.123		0.313	AIR	0.123						CL	A1-S	G	0.24			0.09	0.09		
453	1/4 Lite: CPVC Door Frame, Extreme Door: CPVC Lite Frame: Clear / Air / Clear (3mm/3mm) 9/16" IG	0.123		0.313	AIR	0.123						CL	A1-S	S	0.24					0.08	0.08
454	1/4 Lite: CPVC Door Frame, Extreme Door: CPVC Lite Frame: CS73 / Air / Clear (3mm/3mm) 1/2" IG	0.123	0.148(#2)	0.250	AIR	0.123						CL	A1-S	N	0.23	0.09	0.09				
455	1/4 Lite: CPVC Door Frame, Extreme Door: CPVC Lite Frame: CS73 / Air / Clear (3mm/3mm) 9/16" IG	0.123	0.148(#2)	0.313	AIR	0.123						CL	A1-S	G	0.22			0.08	0.08		
456	1/4 Lite: CPVC Door Frame, Extreme Door: CPVC Lite Frame: CS73 / Air / Clear (3mm/3mm) 9/16" IG	0.123	0.148(#2)	0.313	AIR	0.123						CL	A1-S	S	0.22					0.07	0.07



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TOTAL PRODUCT CALCULATIONS (Plastpro Fiberglass Door)																					
Option Number	Description	Pane Thickness 1 (in.)	Low-e Pane 1	Gap Width 1 (in.)	Gap Fill 1	Pane Thickness 2 (in.)	Low-e Pane 2	Gap Width 2 (in.)	Gap Fill 2	Pane Thickness 3 (in.)	Low-e Pane 3	Tint	Spacer	Grid Type	U-Factor (Btu-in/hr-ft <sup>2</sup> -F)	SHGC - No Grids	VT - No Grids	SHGC - Grids < 1"	VT - Grids < 1"	SHGC - Grids > 1"	VT - Grids > 1"
457	1/4 Lite: CPVC Door Frame, Extreme Door: CPVC Lite Frame: Clear / Air / Clear (3mm/3mm) 1" IG	0.123		0.750	AIR	0.123						CL	A1-S	N,G	0.23	0.10	0.10	0.09	0.09		
458	1/4 Lite: CPVC Door Frame, Extreme Door: CPVC Lite Frame: Clear / Air / Clear (3mm/3mm) 1" IG	0.123		0.750	AIR	0.123						CL	A1-S	S	0.23					0.08	0.08
459	1/4 Lite: CPVC Door Frame, Extreme Door: CPVC Lite Frame: CS73 / Air / Clear (3mm/3mm) 1" IG	0.123	0.148(#2)	0.750	AIR	0.123						CL	A1-S	N,G	0.22	0.09	0.09	0.08	0.08		
460	1/4 Lite: CPVC Door Frame, Extreme Door: CPVC Lite Frame: CS73 / Air / Clear (3mm/3mm) 1" IG	0.123	0.148(#2)	0.750	AIR	0.123						CL	A1-S	S	0.22					0.07	0.07
461	1/4 Lite: CPVC Door Frame, Extreme Door: Injection Lite Frame: Clear / Air / Clear (3mm/3mm) 1/2" IG	0.123		0.250	AIR	0.123						CL	CU-D	N	0.25	0.10	0.10				
462	1/4 Lite: CPVC Door Frame, Extreme Door: Injection Lite Frame: Clear / Air / Clear (3mm/3mm) 9/16" IG	0.123		0.313	AIR	0.123						CL	CU-D	G	0.24			0.09	0.09		
463	1/4 Lite: CPVC Door Frame, Extreme Door: Injection Lite Frame: E272 / Air / Clear (3mm/3mm) 1/2" IG	0.117	0.042(#2)	0.250	AIR	0.118						CL	CU-D	N	0.23	0.06	0.09				

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TOTAL PRODUCT CALCULATIONS (Plastpro Fiberglass Door)																					
Option Number	Description	Pane Thickness 1 (in.)	Low-e Pane 1	Gap Width 1 (in.)	Gap Fill 1	Pane Thickness 2 (in.)	Low-e Pane 2	Gap Width 2 (in.)	Gap Fill 2	Pane Thickness 3 (in.)	Low-e Pane 3	Tint	Spacer	Grid Type	U-Factor (Btu-in/hr-ft <sup>2</sup> -F)	SHGC - No Grids	VT - No Grids	SHGC - Grids < 1"	VT - Grids < 1"	SHGC - Grids > 1"	VT - Grids > 1"
464	1/4 Lite: CPVC Door Frame, Extreme Door: Injection Lite Frame: E272 / Air / Clear (3mm/3mm) 9/16" IG	0.117	0.042(#2)	0.313	AIR	0.118						CL	CU-D	G	0.23			0.05	0.08		
465	1/4 Lite: CPVC Door Frame, Extreme Door: Injection Lite Frame: E272 / Argon / Clear (3mm/3mm) 1/2" IG	0.117	0.042(#2)	0.250	ARG90	0.118						CL	CU-D	N	0.22	0.06	0.09				
466	1/4 Lite: CPVC Door Frame, Extreme Door: Injection Lite Frame: E272 / Argon / Clear (3mm/3mm) 9/16" IG	0.117	0.042(#2)	0.313	ARG90	0.118						CL	CU-D	G	0.22			0.05	0.08		
467	1/4 Lite: CPVC Door Frame, Extreme Door: Injection Lite Frame: E272 / Air / Clear (3mm/3mm) 1" IG	0.117	0.042(#2)	0.750	AIR	0.118						CL	CU-D	N,G	0.22	0.06	0.09	0.05	0.08		
468	1/4 Lite: CPVC Door Frame, Extreme Door: Injection Lite Frame: E272 / Argon / Clear (3mm/3mm) 1" IG	0.117	0.042(#2)	0.750	ARG90	0.118						CL	CU-D	N,G	0.21	0.06	0.09	0.05	0.08		
469	1/4 Lite: CPVC Door Frame, Extreme Door: Injection Lite Frame: Lami / Air / Clear (3mm 090PVB 3mm/3mm) 1-7/32" IG	0.324		0.750	AIR	0.118						CL	A1-S	N,G	0.24	0.09	0.09	0.08	0.08		

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TOTAL PRODUCT CALCULATIONS (Plastpro Fiberglass Door)																					
Option Number	Description	Pane Thickness 1 (in.)	Low-e Pane 1	Gap Width 1 (in.)	Gap Fill 1	Pane Thickness 2 (in.)	Low-e Pane 2	Gap Width 2 (in.)	Gap Fill 2	Pane Thickness 3 (in.)	Low-e Pane 3	Tint	Spacer	Grid Type	U-Factor (Btu-in/hr-ft <sup>2</sup> -F)	SHGC - No Grids	VT - No Grids	SHGC - Grids < 1"	VT - Grids < 1"	SHGC - Grids > 1"	VT - Grids > 1"
470	1/4 Lite: CPVC Door Frame, Extreme Door: Injection Lite Frame: Lami / Air / E272 (3mm 090PVB 3mm/3mm) 1-7/32" IG	0.324		0.750	AIR	0.117	0.042(#3)					CL	CU-D	N,G	0.22	0.06	0.08	0.06	0.07		
471	1/4 Lite: CPVC Door Frame, Extreme Door: Injection Lite Frame: Lami / Air / ISE81-6 (3mm 090PVB 3mm/3mm) 1-7/32" IG	0.324		0.750	AIR	0.120	0.147(#3)					CL	A1-S	N,G	0.23	0.08	0.09	0.07	0.08		
472	1/4 Lite: CPVC Door Frame, Extreme Door: Injection Lite Frame: Lami / Air / YEA (3mm 090PVB 3mm/3mm) 1-7/32" IG	0.324		0.750	AIR	0.126	0.162(#3)					CL	A1-S	N,G	0.23	0.08	0.09	0.08	0.08		
473	1/4 Lite: CPVC Door Frame, Extreme Door: Impact Lite Frame: Lami / Air / Clear (3mm 090PVB 3mm/3mm) 1-7/32" IG	0.324		0.750	AIR	0.118						CL	A1-S	N,G	0.23	0.09	0.09	0.08	0.08		
474	1/4 Lite: CPVC Door Frame, Extreme Door: Impact Lite Frame: Lami / Air / ISE81-6 (3mm 090PVB 3mm/3mm) 1-7/32" IG	0.324		0.750	AIR	0.120	0.147(#3)					CL	A1-S	N,G	0.22	0.08	0.09	0.07	0.08		

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TOTAL PRODUCT CALCULATIONS (Plastpro Fiberglass Door)																					
Option Number	Description	Pane Thickness 1 (in.)	Low-e Pane 1	Gap Width 1 (in.)	Gap Fill 1	Pane Thickness 2 (in.)	Low-e Pane 2	Gap Width 2 (in.)	Gap Fill 2	Pane Thickness 3 (in.)	Low-e Pane 3	Tint	Spacer	Grid Type	U-Factor (Btu-in/hr-ft <sup>2</sup> -F)	SHGC - No Grids	VT - No Grids	SHGC - Grids < 1"	VT - Grids < 1"	SHGC - Grids > 1"	VT - Grids > 1"
475	1/4 Lite: CPVC Door Frame, Extreme Door: Impact Lite Frame: Lami / Air / CS73 (3mm 090PVB 3mm/3mm) 1-7/32" IG	0.324		0.750	AIR	0.123	0.148(#3)					CL	A1-S	N,G	0.22	0.08	0.09	0.08	0.08		
476	1/4 Lite: CPVC Door Frame, Extreme Door: Impact Lite Frame: Lami / Air / Deco / Air / Clear (3mm 090PVB 3mm/6mm)/3mm 1- 7/32" IG	0.324		0.270	AIR	0.225		0.270	AIR	0.123		CL	A1-D	G	0.22			0.07	0.08		
477	1/4 Lite: CPVC Door Frame, Extreme Door: Impact Lite Frame: Lami / Air / Deco / Air / Clear (3mm 090PVB 3mm/6mm)/3mm 1- 7/32" IG	0.324		0.270	AIR	0.225		0.270	AIR	0.123		CL	A5-S	G	0.21			0.07	0.08		
478	1/4 Lite: CPVC Door Frame, Extreme Door: Injection Lite Frame: Lami / Air / Clear (3mm 090PVB 3mm/3mm) 1" IG	0.324		0.550	AIR	0.118						CL	CU-D	N,G	0.24	0.09	0.09	0.08	0.08		
479	1/4 Lite: CPVC Door Frame, Extreme Door: Injection Lite Frame: Lami / Air / E272 (3mm 090PVB 3mm/3mm) 1" IG	0.324		0.550	AIR	0.117	0.042(#3)					CL	CU-D	N,G	0.22	0.06	0.08	0.06	0.07		

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TOTAL PRODUCT CALCULATIONS (Plastpro Fiberglass Door)																					
Option Number	Description	Pane Thickness 1 (in.)	Low-e Pane 1	Gap Width 1 (in.)	Gap Fill 1	Pane Thickness 2 (in.)	Low-e Pane 2	Gap Width 2 (in.)	Gap Fill 2	Pane Thickness 3 (in.)	Low-e Pane 3	Tint	Spacer	Grid Type	U-Factor (Btu-in/hr-ft <sup>2</sup> -F)	SHGC - No Grids	VT - No Grids	SHGC - Grids < 1"	VT - Grids < 1"	SHGC - Grids > 1"	VT - Grids > 1"
480	1/4 Lite: CPVC Door Frame, Extreme Door: Injection Lite Frame: Lami / Air / YEA (3mm 090PVB 3mm/3mm) 1" IG	0.324		0.550	AIR	0.126	0.162(#3)					CL	A1-S	N,G	0.22	0.08	0.09	0.08	0.08		
481	1/4 Lite: CPVC Door Frame, Extreme Door: Injection Lite Frame: Lami / Air / ISE81-6 (3mm 090PVB 3mm/3mm) 1" IG	0.324		0.550	AIR	0.120	0.147(#3)					CL	A1-S	N,G	0.22	0.08	0.09	0.07	0.08		
482	1/4 Lite: CPVC Door Frame, Extreme Door: Injection Lite Frame: Clear / Air / Deco / Air / Clear (3mm/6mm/3mm) 1" IG	0.123		0.270	AIR	0.225		0.270	AIR	0.123		CL	A1-D	G	0.23			0.08	0.08		
483	1/4 Lite: CPVC Door Frame, Extreme Door: Injection Lite Frame: Clear / Air / Deco / Air / Clear (3mm/6mm/3mm) 1" IG	0.123		0.270	AIR	0.225		0.270	AIR	0.123		CL	A5-S	G	0.22			0.08	0.08		
484	1/2 Lite: CPVC Door Frame, Extreme Door: CPVC Lite Frame: Clear / Air / Clear (3mm/3mm) 1/2" IG	0.123		0.250	AIR	0.123						CL	A1-S	N	0.29	0.19	0.19				
485	1/2 Lite: CPVC Door Frame, Extreme Door: CPVC Lite Frame: Clear / Air / Clear (3mm/3mm) 9/16" IG	0.123		0.313	AIR	0.123						CL	A1-S	G	0.29			0.17	0.17		

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TOTAL PRODUCT CALCULATIONS (Plastpro Fiberglass Door)																					
Option Number	Description	Pane Thickness 1 (in.)	Low-e Pane 1	Gap Width 1 (in.)	Gap Fill 1	Pane Thickness 2 (in.)	Low-e Pane 2	Gap Width 2 (in.)	Gap Fill 2	Pane Thickness 3 (in.)	Low-e Pane 3	Tint	Spacer	Grid Type	U-Factor (Btu-in/hr-ft <sup>2</sup> -F)	SHGC - No Grids	VT - No Grids	SHGC - Grids < 1"	VT - Grids < 1"	SHGC - Grids > 1"	VT - Grids > 1"
486	1/2 Lite: CPVC Door Frame, Extreme Door: CPVC Lite Frame: Clear / Air / Clear (3mm/3mm) 9/16" IG	0.123		0.313	AIR	0.123						CL	A1-S	S	0.29					0.15	0.14
487	1/2 Lite: CPVC Door Frame, Extreme Door: CPVC Lite Frame: CS73 / Air / Clear (3mm/3mm) 1/2" IG	0.123	0.148(#2)	0.250	AIR	0.123						CL	A1-S	N	0.27	0.16	0.18				
488	1/2 Lite: CPVC Door Frame, Extreme Door: CPVC Lite Frame: CS73 / Air / Clear (3mm/3mm) 9/16" IG	0.123	0.148(#2)	0.313	AIR	0.123						CL	A1-S	G	0.26			0.14	0.15		
489	1/2 Lite: CPVC Door Frame, Extreme Door: CPVC Lite Frame: CS73 / Air / Clear (3mm/3mm) 9/16" IG	0.123	0.148(#2)	0.313	AIR	0.123						CL	A1-S	S	0.26					0.12	0.13
490	1/2 Lite: CPVC Door Frame, Extreme Door: CPVC Lite Frame: Clear / Air / Clear (3mm/3mm) 1" IG	0.123		0.750	AIR	0.123						CL	A1-S	N,G	0.28	0.19	0.19	0.17	0.17		
491	1/2 Lite: CPVC Door Frame, Extreme Door: CPVC Lite Frame: Clear / Air / Clear (3mm/3mm) 1" IG	0.123		0.750	AIR	0.123						CL	A1-S	S	0.28					0.15	0.14
492	1/2 Lite: CPVC Door Frame, Extreme Door: CPVC Lite Frame: CS73 / Air / Clear (3mm/3mm) 1" IG	0.123	0.148(#2)	0.750	AIR	0.123						CL	A1-S	N,G	0.25	0.16	0.18	0.14	0.15		

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TOTAL PRODUCT CALCULATIONS (Plastpro Fiberglass Door)																					
Option Number	Description	Pane Thickness 1 (in.)	Low-e Pane 1	Gap Width 1 (in.)	Gap Fill 1	Pane Thickness 2 (in.)	Low-e Pane 2	Gap Width 2 (in.)	Gap Fill 2	Pane Thickness 3 (in.)	Low-e Pane 3	Tint	Spacer	Grid Type	U-Factor (Btu-in/hr-ft <sup>2</sup> -F)	SHGC - No Grids	VT - No Grids	SHGC - Grids < 1"	VT - Grids < 1"	SHGC - Grids > 1"	VT - Grids > 1"
493	1/2 Lite: CPVC Door Frame, Extreme Door: CPVC Lite Frame: CS73 / Air / Clear (3mm/3mm) 1" IG	0.123	0.148(#2)	0.750	AIR	0.123						CL	A1-S	S	0.25					0.12	0.13
494	1/2 Lite: CPVC Door Frame, Extreme Door: Injection Lite Frame: Clear / Air / Clear (3mm/3mm) 1/2" IG	0.123		0.250	AIR	0.123						CL	CU-D	N	0.30	0.19	0.19				
495	1/2 Lite: CPVC Door Frame, Extreme Door: Injection Lite Frame: Clear / Air / Clear (3mm/3mm) 9/16" IG	0.123		0.313	AIR	0.123						CL	CU-D	G	0.30			0.17	0.17		
496	1/2 Lite: CPVC Door Frame, Extreme Door: Injection Lite Frame: E272 / Air / Clear (3mm/3mm) 1/2" IG	0.117	0.042(#2)	0.250	AIR	0.118						CL	CU-D	N	0.27	0.11	0.17				
497	1/2 Lite: CPVC Door Frame, Extreme Door: Injection Lite Frame: E272 / Air / Clear (3mm/3mm) 9/16" IG	0.117	0.042(#2)	0.313	AIR	0.118						CL	CU-D	G	0.27			0.10	0.15		
498	1/2 Lite: CPVC Door Frame, Extreme Door: Injection Lite Frame: E272 / Argon / Clear (3mm/3mm) 1/2" IG	0.117	0.042(#2)	0.250	ARG90	0.118						CL	CU-D	N	0.25	0.11	0.17				
499	1/2 Lite: CPVC Door Frame, Extreme Door: Injection Lite Frame: E272 / Argon / Clear (3mm/3mm) 9/16" IG	0.117	0.042(#2)	0.313	ARG90	0.118						CL	CU-D	G	0.25			0.09	0.15		

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TOTAL PRODUCT CALCULATIONS (Plastpro Fiberglass Door)																					
Option Number	Description	Pane Thickness 1 (in.)	Low-e Pane 1	Gap Width 1 (in.)	Gap Fill 1	Pane Thickness 2 (in.)	Low-e Pane 2	Gap Width 2 (in.)	Gap Fill 2	Pane Thickness 3 (in.)	Low-e Pane 3	Tint	Spacer	Grid Type	U-Factor (Btu-in/hr-ft <sup>2</sup> -F)	SHGC - No Grids	VT - No Grids	SHGC - Grids < 1"	VT - Grids < 1"	SHGC - Grids > 1"	VT - Grids > 1"
500	1/2 Lite: CPVC Door Frame, Extreme Door: Injection Lite Frame: E272 / Air / Clear (3mm/3mm) 1" IG	0.117	0.042(#2)	0.750	AIR	0.118						CL	CU-D	N,G	0.25	0.11	0.17	0.09	0.15		
501	1/2 Lite: CPVC Door Frame, Extreme Door: Injection Lite Frame: E272 / Argon / Clear (3mm/3mm) 1" IG	0.117	0.042(#2)	0.750	ARG90	0.118						CL	CU-D	N,G	0.24	0.11	0.17	0.09	0.15		
502	1/2 Lite: CPVC Door Frame, Extreme Door: Injection Lite Frame: Lami / Air / Clear (3mm 090PVB 3mm/3mm) 1-7/32" IG	0.324		0.750	AIR	0.118						CL	A1-S	N,G	0.29	0.16	0.18	0.15	0.16		
503	1/2 Lite: CPVC Door Frame, Extreme Door: Injection Lite Frame: Lami / Air / E272 (3mm 090PVB 3mm/3mm) 1-7/32" IG	0.324		0.750	AIR	0.117	0.042(#3)					CL	CU-D	N,G	0.24	0.12	0.16	0.10	0.14		
504	1/2 Lite: CPVC Door Frame, Extreme Door: Injection Lite Frame: Lami / Air / ISE81-6 (3mm 090PVB 3mm/3mm) 1-7/32" IG	0.324		0.750	AIR	0.120	0.147(#3)					CL	A1-S	N,G	0.26	0.15	0.17	0.13	0.15		



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TOTAL PRODUCT CALCULATIONS (Plastpro Fiberglass Door)																					
Option Number	Description	Pane Thickness 1 (in.)	Low-e Pane 1	Gap Width 1 (in.)	Gap Fill 1	Pane Thickness 2 (in.)	Low-e Pane 2	Gap Width 2 (in.)	Gap Fill 2	Pane Thickness 3 (in.)	Low-e Pane 3	Tint	Spacer	Grid Type	U-Factor (Btu-in/hr-ft <sup>2</sup> -F)	SHGC - No Grids	VT - No Grids	SHGC - Grids < 1"	VT - Grids < 1"	SHGC - Grids > 1"	VT - Grids > 1"
505	1/2 Lite: CPVC Door Frame, Extreme Door: Injection Lite Frame: Lami / Air / YEA (3mm 090PVB 3mm/3mm) 1-7/32" IG	0.324		0.750	AIR	0.126	0.162(#3)					CL	A1-S	N,G	0.26	0.15	0.17	0.14	0.15		
506	1/2 Lite: CPVC Door Frame, Extreme Door: Injection Lite Frame: Lami / Air / Clear (3mm 090PVB 3mm/3mm) BBG 1-7/32" IG	0.324		0.750	AIR	0.118						CL	A1-D	N	0.30	0.14	0.16				
507	1/2 Lite: CPVC Door Frame, Extreme Door: Injection Lite Frame: Lami / Air / S83 (3mm 090PVB 3mm/3mm) BBG 1-7/32" IG	0.324		0.750	AIR	0.124	0.103(#3)					CL	A1-D	N	0.27	0.13	0.15				
508	1/2 Lite: CPVC Door Frame, Extreme Door: Impact Lite Frame: Lami / Air / Clear (3mm 090PVB 3mm/3mm) 1-7/32" IG	0.324		0.750	AIR	0.118						CL	A1-S	N,G	0.27	0.16	0.18	0.15	0.16		
509	1/2 Lite: CPVC Door Frame, Extreme Door: Impact Lite Frame: Lami / Air / ISE81-6 (3mm 090PVB 3mm/3mm) 1-7/32" IG	0.324		0.750	AIR	0.120	0.147(#3)					CL	A1-S	N,G	0.25	0.15	0.17	0.13	0.15		

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**SIMULATION RESULTS**

TOTAL PRODUCT CALCULATIONS (Plastpro Fiberglass Door)																					
Option Number	Description	Pane Thickness 1 (in.)	Low-e Pane 1	Gap Width 1 (in.)	Gap Fill 1	Pane Thickness 2 (in.)	Low-e Pane 2	Gap Width 2 (in.)	Gap Fill 2	Pane Thickness 3 (in.)	Low-e Pane 3	Tint	Spacer	Grid Type	U-Factor (Btu-in/hr-ft <sup>2</sup> -F)	SHGC - No Grids	VT - No Grids	SHGC - Grids < 1"	VT - Grids < 1"	SHGC - Grids > 1"	VT - Grids > 1"
510	1/2 Lite: CPVC Door Frame, Extreme Door: Impact Lite Frame: Lami / Air / CS73 (3mm 090PVB 3mm/3mm) 1-7/32" IG	0.324		0.750	AIR	0.123	0.148(#3)					CL	A1-S	N,G	0.25	0.15	0.17	0.14	0.14		
511	1/2 Lite: CPVC Door Frame, Extreme Door: Impact Lite Frame: Lami / Air / Deco / Air / Clear (3mm 090PVB 3mm/6mm)/3mm 1- 7/32" IG	0.324		0.270	AIR	0.225		0.270	AIR	0.123		CL	A1-D	G	0.25			0.13	0.14		
512	1/2 Lite: CPVC Door Frame, Extreme Door: Impact Lite Frame: Lami / Air / Deco / Air / Clear (3mm 090PVB 3mm/6mm)/3mm 1- 7/32" IG	0.324		0.270	AIR	0.225		0.270	AIR	0.123		CL	A5-S	G	0.24			0.13	0.14		
513	1/2 Lite: CPVC Door Frame, Extreme Door: Impact Lite Frame: Lami / Air / Clear (3mm 090PVB 3mm/3mm) BBG 1-7/32" IG	0.324		0.750	AIR	0.118						CL	A1-D	N	0.29	0.14	0.16				
514	1/2 Lite: CPVC Door Frame, Extreme Door: Impact Lite Frame: Lami / Air / S83 (3mm 090PVB 3mm/3mm) BBG 1-7/32" IG	0.324		0.750	AIR	0.124	0.103(#3)					CL	A1-D	N	0.26	0.13	0.15				

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SIMULATION RESULTS**

TOTAL PRODUCT CALCULATIONS (Plastpro Fiberglass Door)																					
Option Number	Description	Pane Thickness 1 (in.)	Low-e Pane 1	Gap Width 1 (in.)	Gap Fill 1	Pane Thickness 2 (in.)	Low-e Pane 2	Gap Width 2 (in.)	Gap Fill 2	Pane Thickness 3 (in.)	Low-e Pane 3	Tint	Spacer	Grid Type	U-Factor (Btu-in/hr-ft2-F)	SHGC - No Grids	VT - No Grids	SHGC - Grids < 1"	VT - Grids < 1"	SHGC - Grids > 1"	VT - Grids > 1"
515	1/2 Lite: CPVC Door Frame, Extreme Door: Injection Lite Frame: Lami / Air / Clear (3mm 090PVB 3mm/3mm) 1" IG	0.324		0.550	AIR	0.118						CL	CU-D	N,G	0.28	0.17	0.18	0.15	0.16		
516	1/2 Lite: CPVC Door Frame, Extreme Door: Injection Lite Frame: Lami / Air / E272 (3mm 090PVB 3mm/3mm) 1" IG	0.324		0.550	AIR	0.117	0.042(#3)					CL	CU-D	N,G	0.24	0.12	0.16	0.10	0.14		
517	1/2 Lite: CPVC Door Frame, Extreme Door: Injection Lite Frame: Lami / Air / YEA (3mm 090PVB 3mm/3mm) 1" IG	0.324		0.550	AIR	0.126	0.162(#3)					CL	A1-S	N,G	0.26	0.15	0.17	0.14	0.15		
518	1/2 Lite: CPVC Door Frame, Extreme Door: Injection Lite Frame: Lami / Air / ISE81-6 (3mm 090PVB 3mm/3mm) 1" IG	0.324		0.550	AIR	0.120	0.147(#3)					CL	A1-S	N,G	0.26	0.15	0.17	0.13	0.15		
519	1/2 Lite: CPVC Door Frame, Extreme Door: Injection Lite Frame: Clear / Air / Deco / Air / Clear (3mm/6mm/3mm) 1" IG	0.123		0.270	AIR	0.225		0.270	AIR	0.123		CL	A1-D	G	0.26			0.15	0.15		

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**SIMULATION RESULTS**

TOTAL PRODUCT CALCULATIONS (Plastpro Fiberglass Door)																					
Option Number	Description	Pane Thickness 1 (in.)	Low-e Pane 1	Gap Width 1 (in.)	Gap Fill 1	Pane Thickness 2 (in.)	Low-e Pane 2	Gap Width 2 (in.)	Gap Fill 2	Pane Thickness 3 (in.)	Low-e Pane 3	Tint	Spacer	Grid Type	U-Factor (Btu-in/hr-ft2-F)	SHGC - No Grids	VT - No Grids	SHGC - Grids < 1"	VT - Grids < 1"	SHGC - Grids > 1"	VT - Grids > 1"
520	1/2 Lite: CPVC Door Frame, Extreme Door: Injection Lite Frame: Clear / Air / Deco / Air / Clear (3mm/6mm/3mm) 1" IG	0.123		0.270	AIR	0.225		0.270	AIR	0.123		CL	A5-S	G	0.26			0.15	0.15		
521	1/2 Lite: CPVC Door Frame, Extreme Door: Injection Lite Frame: Clear / Air / Clear (3mm/3mm) BBG 1" IG	0.123		0.750	AIR	0.123						CL	A1-D	N	0.31	0.17	0.17				
522	1/2 Lite: CPVC Door Frame, Extreme Door: Injection Lite Frame: S83 / Air / Clear (3mm 3mm) BBG 1" IG	0.124	0.103(#2)	0.750	AIR	0.123						CL	A1-D	N	0.28	0.13	0.16				
523	3/4 Lite: CPVC Door Frame, Extreme Door: CPVC Lite Frame: Clear / Air / Clear (3mm/3mm) 1/2" IG	0.123		0.250	AIR	0.123						CL	A1-S	N	0.33	0.26	0.26				
524	3/4 Lite: CPVC Door Frame, Extreme Door: CPVC Lite Frame: Clear / Air / Clear (3mm/3mm) 9/16" IG	0.123		0.313	AIR	0.123						CL	A1-S	G	0.32			0.23	0.23		
525	3/4 Lite: CPVC Door Frame, Extreme Door: CPVC Lite Frame: Clear / Air / Clear (3mm/3mm) 9/16" IG	0.123		0.313	AIR	0.123						CL	A1-S	S	0.32					0.20	0.19
526	3/4 Lite: CPVC Door Frame, Extreme Door: CPVC Lite Frame: CS73 / Air / Clear (3mm/3mm) 1/2" IG	0.123	0.148(#2)	0.250	AIR	0.123						CL	A1-S	N	0.29	0.21	0.24				

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**SIMULATION RESULTS**

TOTAL PRODUCT CALCULATIONS (Plastpro Fiberglass Door)																					
Option Number	Description	Pane Thickness 1 (in.)	Low-e Pane 1	Gap Width 1 (in.)	Gap Fill 1	Pane Thickness 2 (in.)	Low-e Pane 2	Gap Width 2 (in.)	Gap Fill 2	Pane Thickness 3 (in.)	Low-e Pane 3	Tint	Spacer	Grid Type	U-Factor (Btu-in/hr-ft <sup>2</sup> -F)	SHGC - No Grids	VT - No Grids	SHGC - Grids < 1"	VT - Grids < 1"	SHGC - Grids > 1"	VT - Grids > 1"
527	3/4 Lite: CPVC Door Frame, Extreme Door: CPVC Lite Frame: CS73 / Air / Clear (3mm/3mm) 9/16" IG	0.123	0.148(#2)	0.313	AIR	0.123						CL	A1-S	G	0.29			0.19	0.20		
528	3/4 Lite: CPVC Door Frame, Extreme Door: CPVC Lite Frame: CS73 / Air / Clear (3mm/3mm) 9/16" IG	0.123	0.148(#2)	0.313	AIR	0.123						CL	A1-S	S	0.29					0.16	0.18
529	3/4 Lite: CPVC Door Frame, Extreme Door: CPVC Lite Frame: Clear / Air / Clear (3mm/3mm) 1" IG	0.123		0.750	AIR	0.123						CL	A1-S	N,G	0.31	0.26	0.26	0.23	0.23		
530	3/4 Lite: CPVC Door Frame, Extreme Door: CPVC Lite Frame: Clear / Air / Clear (3mm/3mm) 1" IG	0.123		0.750	AIR	0.123						CL	A1-S	S	0.31					0.20	0.19
531	3/4 Lite: CPVC Door Frame, Extreme Door: CPVC Lite Frame: CS73 / Air / Clear (3mm/3mm) 1" IG	0.123	0.148(#2)	0.750	AIR	0.123						CL	A1-S	N,G	0.27	0.21	0.24	0.19	0.20		
532	3/4 Lite: CPVC Door Frame, Extreme Door: CPVC Lite Frame: CS73 / Air / Clear (3mm/3mm) 1" IG	0.123	0.148(#2)	0.750	AIR	0.123						CL	A1-S	S	0.27					0.16	0.18
533	3/4 Lite: CPVC Door Frame, Extreme Door: Injection Lite Frame: Clear / Air / Clear (3mm/3mm) 1/2" IG	0.123		0.250	AIR	0.123						CL	CU-D	N	0.34	0.26	0.26				

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**SIMULATION RESULTS**

TOTAL PRODUCT CALCULATIONS (Plastpro Fiberglass Door)																					
Option Number	Description	Pane Thickness 1 (in.)	Low-e Pane 1	Gap Width 1 (in.)	Gap Fill 1	Pane Thickness 2 (in.)	Low-e Pane 2	Gap Width 2 (in.)	Gap Fill 2	Pane Thickness 3 (in.)	Low-e Pane 3	Tint	Spacer	Grid Type	U-Factor (Btu-in/hr-ft <sup>2</sup> -F)	SHGC - No Grids	VT - No Grids	SHGC - Grids < 1"	VT - Grids < 1"	SHGC - Grids > 1"	VT - Grids > 1"
534	3/4 Lite: CPVC Door Frame, Extreme Door: Injection Lite Frame: Clear / Air / Clear (3mm/3mm) 9/16" IG	0.123		0.313	AIR	0.123						CL	CU-D	G	0.33			0.23	0.23		
535	3/4 Lite: CPVC Door Frame, Extreme Door: Injection Lite Frame: E272 / Air / Clear (3mm/3mm) 1/2" IG	0.117	0.042(#2)	0.250	AIR	0.118						CL	CU-D	N	0.30	0.14	0.23				
536	3/4 Lite: CPVC Door Frame, Extreme Door: Injection Lite Frame: E272 / Air / Clear (3mm/3mm) 9/16" IG	0.117	0.042(#2)	0.313	AIR	0.118						CL	CU-D	G	0.29			0.13	0.20		
537	3/4 Lite: CPVC Door Frame, Extreme Door: Injection Lite Frame: E272 / Argon / Clear (3mm/3mm) 1/2" IG	0.117	0.042(#2)	0.250	ARG90	0.118						CL	CU-D	N	0.27	0.14	0.23				
538	3/4 Lite: CPVC Door Frame, Extreme Door: Injection Lite Frame: E272 / Argon / Clear (3mm/3mm) 9/16" IG	0.117	0.042(#2)	0.313	ARG90	0.118						CL	CU-D	G	0.27			0.12	0.20		
539	3/4 Lite: CPVC Door Frame, Extreme Door: Injection Lite Frame: E272 / Air / Clear (3mm/3mm) 1" IG	0.117	0.042(#2)	0.750	AIR	0.118						CL	CU-D	N,G	0.27	0.14	0.23	0.12	0.20		
540	3/4 Lite: CPVC Door Frame, Extreme Door: Injection Lite Frame: E272 / Argon / Clear (3mm/3mm) 1" IG	0.117	0.042(#2)	0.750	ARG90	0.118						CL	CU-D	N,G	0.25	0.14	0.23	0.12	0.20		

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TOTAL PRODUCT CALCULATIONS (Plastpro Fiberglass Door)																					
Option Number	Description	Pane Thickness 1 (in.)	Low-e Pane 1	Gap Width 1 (in.)	Gap Fill 1	Pane Thickness 2 (in.)	Low-e Pane 2	Gap Width 2 (in.)	Gap Fill 2	Pane Thickness 3 (in.)	Low-e Pane 3	Tint	Spacer	Grid Type	U-Factor (Btu-in/hr-ft <sup>2</sup> -F)	SHGC - No Grids	VT - No Grids	SHGC - Grids < 1"	VT - Grids < 1"	SHGC - Grids > 1"	VT - Grids > 1"
541	3/4 Lite: CPVC Door Frame, Extreme Door: Injection Lite Frame: Lami / Air / Clear (3mm 090PVB 3mm/3mm) 1-7/32" IG	0.324		0.750	AIR	0.118						CL	A1-S	N,G	0.32	0.22	0.25	0.19	0.22		
542	3/4 Lite: CPVC Door Frame, Extreme Door: Injection Lite Frame: Lami / Air / E272 (3mm 090PVB 3mm/3mm) 1-7/32" IG	0.324		0.750	AIR	0.117	0.042(#3)					CL	CU-D	N,G	0.26	0.15	0.22	0.13	0.19		
543	3/4 Lite: CPVC Door Frame, Extreme Door: Injection Lite Frame: Lami / Air / ISE81-6 (3mm 090PVB 3mm/3mm) 1-7/32" IG	0.324		0.750	AIR	0.120	0.147(#3)					CL	A1-S	N,G	0.28	0.19	0.22	0.17	0.19		
544	3/4 Lite: CPVC Door Frame, Extreme Door: Injection Lite Frame: Lami / Air / YEA (3mm 090PVB 3mm/3mm) 1-7/32" IG	0.324		0.750	AIR	0.126	0.162(#3)					CL	A1-S	N,G	0.28	0.20	0.23	0.18	0.20		

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TOTAL PRODUCT CALCULATIONS (Plastpro Fiberglass Door)																					
Option Number	Description	Pane Thickness 1 (in.)	Low-e Pane 1	Gap Width 1 (in.)	Gap Fill 1	Pane Thickness 2 (in.)	Low-e Pane 2	Gap Width 2 (in.)	Gap Fill 2	Pane Thickness 3 (in.)	Low-e Pane 3	Tint	Spacer	Grid Type	U-Factor (Btu-in/hr-ft <sup>2</sup> -F)	SHGC - No Grids	VT - No Grids	SHGC - Grids < 1"	VT - Grids < 1"	SHGC - Grids > 1"	VT - Grids > 1"
545	3/4 Lite: CPVC Door Frame, Extreme Door: Injection Lite Frame: Lami / Air / Clear (3mm 090PVB 3mm/3mm) BBG 1-7/32" IG	0.324		0.750	AIR	0.118						CL	A1-D	N	0.34	0.19	0.21				
546	3/4 Lite: CPVC Door Frame, Extreme Door: Injection Lite Frame: Lami / Air / S83 (3mm 090PVB 3mm/3mm) BBG 1-7/32" IG	0.324		0.750	AIR	0.124	0.103(#3)					CL	A1-D	N	0.30	0.17	0.20				
547	3/4 Lite: CPVC Door Frame, Extreme Door: Impact Lite Frame: Lami / Air / Clear (3mm 090PVB 3mm/3mm) 1-7/32" IG	0.324		0.750	AIR	0.118						CL	A1-S	N,G	0.30	0.22	0.25	0.19	0.22		
548	3/4 Lite: CPVC Door Frame, Extreme Door: Impact Lite Frame: Lami / Air / ISE81-6 (3mm 090PVB 3mm/3mm) 1-7/32" IG	0.324		0.750	AIR	0.120	0.147(#3)					CL	A1-S	N,G	0.26	0.19	0.22	0.17	0.19		
549	3/4 Lite: CPVC Door Frame, Extreme Door: Impact Lite Frame: Lami / Air / CS73 (3mm 090PVB 3mm/3mm) 1-7/32" IG	0.324		0.750	AIR	0.123	0.148(#3)					CL	A1-S	N,G	0.26	0.20	0.22	0.18	0.19		



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TOTAL PRODUCT CALCULATIONS (Plastpro Fiberglass Door)																					
Option Number	Description	Pane Thickness 1 (in.)	Low-e Pane 1	Gap Width 1 (in.)	Gap Fill 1	Pane Thickness 2 (in.)	Low-e Pane 2	Gap Width 2 (in.)	Gap Fill 2	Pane Thickness 3 (in.)	Low-e Pane 3	Tint	Spacer	Grid Type	U-Factor (Btu-in/hr-ft <sup>2</sup> -F)	SHGC - No Grids	VT - No Grids	SHGC - Grids < 1"	VT - Grids < 1"	SHGC - Grids > 1"	VT - Grids > 1"
550	3/4 Lite: CPVC Door Frame, Extreme Door: Impact Lite Frame: Lami / Air / Deco / Air / Clear (3mm 090PVB 3mm/6mm)/3mm 1- 7/32" IG	0.324		0.270	AIR	0.225		0.270	AIR	0.123		CL	A1-D	G	0.27			0.17	0.19		
551	3/4 Lite: CPVC Door Frame, Extreme Door: Impact Lite Frame: Lami / Air / Deco / Air / Clear (3mm 090PVB 3mm/6mm)/3mm 1- 7/32" IG	0.324		0.270	AIR	0.225		0.270	AIR	0.123		CL	A5-S	G	0.26			0.17	0.19		
552	3/4 Lite: CPVC Door Frame, Extreme Door: Impact Lite Frame: Lami / Air / Clear (3mm 090PVB 3mm/3mm) BBG 1-7/32" IG	0.324		0.750	AIR	0.118						CL	A1-D	N	0.32	0.19	0.21				
553	3/4 Lite: CPVC Door Frame, Extreme Door: Impact Lite Frame: Lami / Air / S83 (3mm 090PVB 3mm/3mm) BBG 1-7/32" IG	0.324		0.750	AIR	0.124	0.103(#3)					CL	A1-D	N	0.28	0.17	0.20				
554	3/4 Lite: CPVC Door Frame, Extreme Door: Injection Lite Frame: Lami / Air / Clear (3mm 090PVB 3mm/3mm) 1" IG	0.324		0.550	AIR	0.118						CL	CU-D	N,G	0.31	0.22	0.25	0.19	0.22		

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TOTAL PRODUCT CALCULATIONS (Plastpro Fiberglass Door)																					
Option Number	Description	Pane Thickness 1 (in.)	Low-e Pane 1	Gap Width 1 (in.)	Gap Fill 1	Pane Thickness 2 (in.)	Low-e Pane 2	Gap Width 2 (in.)	Gap Fill 2	Pane Thickness 3 (in.)	Low-e Pane 3	Tint	Spacer	Grid Type	U-Factor (Btu-in/hr-ft <sup>2</sup> -F)	SHGC - No Grids	VT - No Grids	SHGC - Grids < 1"	VT - Grids < 1"	SHGC - Grids > 1"	VT - Grids > 1"
555	3/4 Lite: CPVC Door Frame, Extreme Door: Injection Lite Frame: Lami / Air / E272 (3mm 090PVB 3mm/3mm) 1" IG	0.324		0.550	AIR	0.117	0.042(#3)					CL	CU-D	N,G	0.26	0.15	0.22	0.13	0.19		
556	3/4 Lite: CPVC Door Frame, Extreme Door: Injection Lite Frame: Lami / Air / YEA (3mm 090PVB 3mm/3mm) 1" IG	0.324		0.550	AIR	0.126	0.162(#3)					CL	A1-S	N,G	0.28	0.20	0.23	0.18	0.20		
557	3/4 Lite: CPVC Door Frame, Extreme Door: Injection Lite Frame: Lami / Air / ISE81-6 (3mm 090PVB 3mm/3mm) 1" IG	0.324		0.550	AIR	0.120	0.147(#3)					CL	A1-S	N,G	0.28	0.19	0.22	0.17	0.19		
558	3/4 Lite: CPVC Door Frame, Extreme Door: Injection Lite Frame: Clear / Air / Deco / Air / Clear (3mm/6mm/3mm) 1" IG	0.123		0.270	AIR	0.225		0.270	AIR	0.123		CL	A1-D	G	0.29			0.20	0.20		
559	3/4 Lite: CPVC Door Frame, Extreme Door: Injection Lite Frame: Clear / Air / Deco / Air / Clear (3mm/6mm/3mm) 1" IG	0.123		0.270	AIR	0.225		0.270	AIR	0.123		CL	A5-S	G	0.28			0.20	0.20		
560	3/4 Lite: CPVC Door Frame, Extreme Door: Injection Lite Frame: Clear / Air / Clear (3mm/3mm) BBG 1" IG	0.123		0.750	AIR	0.123						CL	A1-D	N	0.34	0.23	0.23				

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**SIMULATION RESULTS**

TOTAL PRODUCT CALCULATIONS (Plastpro Fiberglass Door)																					
Option Number	Description	Pane Thickness 1 (in.)	Low-e Pane 1	Gap Width 1 (in.)	Gap Fill 1	Pane Thickness 2 (in.)	Low-e Pane 2	Gap Width 2 (in.)	Gap Fill 2	Pane Thickness 3 (in.)	Low-e Pane 3	Tint	Spacer	Grid Type	U-Factor (Btu-in/hr-ft <sup>2</sup> -F)	SHGC - No Grids	VT - No Grids	SHGC - Grids < 1"	VT - Grids < 1"	SHGC - Grids > 1"	VT - Grids > 1"
561	3/4 Lite: CPVC Door Frame, Extreme Door: Injection Lite Frame: S83 / Air / Clear (3mm 3mm) BBG 1" IG	0.124	0.103(#2)	0.750	AIR	0.123						CL	A1-D	N	0.30	0.17	0.21				
562	Full Lite: CPVC Door Frame, Extreme Door: CPVC Lite Frame: Clear / Air / Clear (3mm/3mm) 1/2" IG	0.123		0.250	AIR	0.123						CL	A1-S	N	0.37	0.34	0.35				
563	Full Lite: CPVC Door Frame, Extreme Door: CPVC Lite Frame: Clear / Air / Clear (3mm/3mm) 9/16" IG	0.123		0.313	AIR	0.123						CL	A1-S	G	0.37			0.30	0.30		
564	Full Lite: CPVC Door Frame, Extreme Door: CPVC Lite Frame: Clear / Air / Clear (3mm/3mm) 9/16" IG	0.123		0.313	AIR	0.123						CL	A1-S	S	0.37					0.26	0.26
565	Full Lite: CPVC Door Frame, Extreme Door: CPVC Lite Frame: CS73 / Air / Clear (3mm/3mm) 1/2" IG	0.123	0.148(#2)	0.250	AIR	0.123						CL	A1-S	N	0.33	0.28	0.32				
566	Full Lite: CPVC Door Frame, Extreme Door: CPVC Lite Frame: CS73 / Air / Clear (3mm/3mm) 9/16" IG	0.123	0.148(#2)	0.313	AIR	0.123						CL	A1-S	G	0.33			0.25	0.28		
567	Full Lite: CPVC Door Frame, Extreme Door: CPVC Lite Frame: CS73 / Air / Clear (3mm/3mm) 9/16" IG	0.123	0.148(#2)	0.313	AIR	0.123						CL	A1-S	S	0.33					0.22	0.24

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**SIMULATION RESULTS**

TOTAL PRODUCT CALCULATIONS (Plastpro Fiberglass Door)																					
Option Number	Description	Pane Thickness 1 (in.)	Low-e Pane 1	Gap Width 1 (in.)	Gap Fill 1	Pane Thickness 2 (in.)	Low-e Pane 2	Gap Width 2 (in.)	Gap Fill 2	Pane Thickness 3 (in.)	Low-e Pane 3	Tint	Spacer	Grid Type	U-Factor (Btu-in/hr-ft <sup>2</sup> -F)	SHGC - No Grids	VT - No Grids	SHGC - Grids < 1"	VT - Grids < 1"	SHGC - Grids > 1"	VT - Grids > 1"
568	Full Lite: CPVC Door Frame, Extreme Door: CPVC Lite Frame: Clear / Air / Clear (3mm/3mm) 1" IG	0.123		0.750	AIR	0.123						CL	A1-S	N,G	0.35	0.34	0.35	0.30	0.30		
569	Full Lite: CPVC Door Frame, Extreme Door: CPVC Lite Frame: Clear / Air / Clear (3mm/3mm) 1" IG	0.123		0.750	AIR	0.123						CL	A1-S	S	0.35					0.26	0.26
570	Full Lite: CPVC Door Frame, Extreme Door: CPVC Lite Frame: CS73 / Air / Clear (3mm/3mm) 1" IG	0.123	0.148(#2)	0.750	AIR	0.123						CL	A1-S	N,G	0.30	0.28	0.32	0.25	0.28		
571	Full Lite: CPVC Door Frame, Extreme Door: CPVC Lite Frame: CS73 / Air / Clear (3mm/3mm) 1" IG	0.123	0.148(#2)	0.750	AIR	0.123						CL	A1-S	S	0.30					0.22	0.24
572	Full Lite: CPVC Door Frame, Extreme Door: Injection Lite Frame: Clear / Air / Clear (3mm/3mm) 1/2" IG	0.123		0.250	AIR	0.123						CL	CU-D	N	0.39	0.34	0.35				
573	Full Lite: CPVC Door Frame, Extreme Door: Injection Lite Frame: Clear / Air / Clear (3mm/3mm) 9/16" IG	0.123		0.313	AIR	0.123						CL	CU-D	G	0.38			0.30	0.30		
574	Full Lite: CPVC Door Frame, Extreme Door: Injection Lite Frame: E272 / Air / Clear (3mm/3mm) 1/2" IG	0.117	0.042(#2)	0.250	AIR	0.118						CL	CU-D	N	0.33	0.19	0.31				

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**SIMULATION RESULTS**

TOTAL PRODUCT CALCULATIONS (Plastpro Fiberglass Door)																					
Option Number	Description	Pane Thickness 1 (in.)	Low-e Pane 1	Gap Width 1 (in.)	Gap Fill 1	Pane Thickness 2 (in.)	Low-e Pane 2	Gap Width 2 (in.)	Gap Fill 2	Pane Thickness 3 (in.)	Low-e Pane 3	Tint	Spacer	Grid Type	U-Factor (Btu-in/hr-ft <sup>2</sup> -F)	SHGC - No Grids	VT - No Grids	SHGC - Grids < 1"	VT - Grids < 1"	SHGC - Grids > 1"	VT - Grids > 1"
575	Full Lite: CPVC Door Frame, Extreme Door: Injection Lite Frame: E272 / Air / Clear (3mm/3mm) 9/16" IG	0.117	0.042(#2)	0.313	AIR	0.118						CL	CU-D	G	0.33			0.17	0.27		
576	Full Lite: CPVC Door Frame, Extreme Door: Injection Lite Frame: E272 / Argon / Clear (3mm/3mm) 1/2" IG	0.117	0.042(#2)	0.250	ARG90	0.118						CL	CU-D	N	0.30	0.19	0.31				
577	Full Lite: CPVC Door Frame, Extreme Door: Injection Lite Frame: E272 / Argon / Clear (3mm/3mm) 9/16" IG	0.117	0.042(#2)	0.313	ARG90	0.118						CL	CU-D	G	0.30			0.16	0.27		
578	Full Lite: CPVC Door Frame, Extreme Door: Injection Lite Frame: E272 / Air / Clear (3mm/3mm) 1" IG	0.117	0.042(#2)	0.750	AIR	0.118						CL	CU-D	N,G	0.29	0.18	0.31	0.16	0.27		
579	Full Lite: CPVC Door Frame, Extreme Door: Injection Lite Frame: E272 / Argon / Clear (3mm/3mm) 1" IG	0.117	0.042(#2)	0.750	ARG90	0.118						CL	CU-D	N,G	0.27	0.18	0.31	0.16	0.27		
580	Full Lite: CPVC Door Frame, Extreme Door: Injection Lite Frame: Lami / Air / Clear (3mm 090PVB 3mm/3mm) 1-7/32" IG	0.324		0.750	AIR	0.118						CL	A1-S	N,G	0.36	0.29	0.33	0.26	0.29		

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SIMULATION RESULTS**

TOTAL PRODUCT CALCULATIONS (Plastpro Fiberglass Door)																					
Option Number	Description	Pane Thickness 1 (in.)	Low-e Pane 1	Gap Width 1 (in.)	Gap Fill 1	Pane Thickness 2 (in.)	Low-e Pane 2	Gap Width 2 (in.)	Gap Fill 2	Pane Thickness 3 (in.)	Low-e Pane 3	Tint	Spacer	Grid Type	U-Factor (Btu-in/hr-ft <sup>2</sup> -F)	SHGC - No Grids	VT - No Grids	SHGC - Grids < 1"	VT - Grids < 1"	SHGC - Grids > 1"	VT - Grids > 1"
581	Full Lite: CPVC Door Frame, Extreme Door: Injection Lite Frame: Lami / Air / E272 (3mm 090PVB 3mm/3mm) 1-7/32" IG	0.324		0.750	AIR	0.117	0.042(#3)					CL	CU-D	N,G	0.29	0.20	0.29	0.18	0.25		
582	Full Lite: CPVC Door Frame, Extreme Door: Injection Lite Frame: Lami / Air / ISE81-6 (3mm 090PVB 3mm/3mm) 1-7/32" IG	0.324		0.750	AIR	0.120	0.147(#3)					CL	A1-S	N,G	0.31	0.26	0.30	0.23	0.26		
583	Full Lite: CPVC Door Frame, Extreme Door: Injection Lite Frame: Lami / Air / YEA (3mm 090PVB 3mm/3mm) 1-7/32" IG	0.324		0.750	AIR	0.126	0.162(#3)					CL	A1-S	N,G	0.31	0.27	0.31	0.24	0.27		
584	Full Lite: CPVC Door Frame, Extreme Door: Injection Lite Frame: Lami / Air / Clear (3mm 090PVB 3mm/3mm) BBG 1-7/32" IG	0.324		0.750	AIR	0.118						CL	A1-D	N	0.38	0.26	0.29				
585	Full Lite: CPVC Door Frame, Extreme Door: Injection Lite Frame: Lami / Air / S83 (3mm 090PVB 3mm/3mm) BBG 1-7/32" IG	0.324		0.750	AIR	0.124	0.103(#3)					CL	A1-D	N	0.33	0.22	0.27				

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TOTAL PRODUCT CALCULATIONS (Plastpro Fiberglass Door)																					
Option Number	Description	Pane Thickness 1 (in.)	Low-e Pane 1	Gap Width 1 (in.)	Gap Fill 1	Pane Thickness 2 (in.)	Low-e Pane 2	Gap Width 2 (in.)	Gap Fill 2	Pane Thickness 3 (in.)	Low-e Pane 3	Tint	Spacer	Grid Type	U-Factor (Btu-in/hr-ft <sup>2</sup> -F)	SHGC - No Grids	VT - No Grids	SHGC - Grids < 1"	VT - Grids < 1"	SHGC - Grids > 1"	VT - Grids > 1"
586	Full Lite: CPVC Door Frame, Extreme Door: Impact Lite Frame: Lami / Air / Clear (3mm 090PVB 3mm/3mm) 1-7/32" IG	0.324		0.750	AIR	0.118						CL	A1-S	N,G	0.34	0.29	0.33	0.26	0.29		
587	Full Lite: CPVC Door Frame, Extreme Door: Impact Lite Frame: Lami / Air / ISE81-6 (3mm 090PVB 3mm/3mm) 1-7/32" IG	0.324		0.750	AIR	0.120	0.147(#3)					CL	A1-S	N,G	0.29	0.26	0.30	0.23	0.26		
588	Full Lite: CPVC Door Frame, Extreme Door: Impact Lite Frame: Lami / Air / CS73 (3mm 090PVB 3mm/3mm) 1-7/32" IG	0.324		0.750	AIR	0.123	0.148(#3)					CL	A1-S	N,G	0.29	0.27	0.30	0.24	0.26		
589	Full Lite: CPVC Door Frame, Extreme Door: Impact Lite Frame: Lami / Air / Deco / Air / Clear (3mm 090PVB 3mm/6mm)/3mm 1- 7/32" IG	0.324		0.270	AIR	0.225		0.270	AIR	0.123		CL	A1-D	G	0.29			0.22	0.26		
590	Full Lite: CPVC Door Frame, Extreme Door: Impact Lite Frame: Lami / Air / Deco / Air / Clear (3mm 090PVB 3mm/6mm)/3mm 1- 7/32" IG	0.324		0.270	AIR	0.225		0.270	AIR	0.123		CL	A5-S	G	0.29			0.22	0.26		

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**SIMULATION RESULTS**

TOTAL PRODUCT CALCULATIONS (Plastpro Fiberglass Door)																					
Option Number	Description	Pane Thickness 1 (in.)	Low-e Pane 1	Gap Width 1 (in.)	Gap Fill 1	Pane Thickness 2 (in.)	Low-e Pane 2	Gap Width 2 (in.)	Gap Fill 2	Pane Thickness 3 (in.)	Low-e Pane 3	Tint	Spacer	Grid Type	U-Factor (Btu-in/hr-ft2-F)	SHGC - No Grids	VT - No Grids	SHGC - Grids < 1"	VT - Grids < 1"	SHGC - Grids > 1"	VT - Grids > 1"
591	Full Lite: CPVC Door Frame, Extreme Door: Impact Lite Frame: Lami / Air / Clear (3mm 090PVB 3mm/3mm) BBG 1-7/32" IG	0.324		0.750	AIR	0.118						CL	A1-D	N	0.36	0.26	0.29				
592	Full Lite: CPVC Door Frame, Extreme Door: Impact Lite Frame: Lami / Air / S83 (3mm 090PVB 3mm/3mm) BBG 1-7/32" IG	0.324		0.750	AIR	0.124	0.103(#3)					CL	A1-D	N	0.31	0.22	0.27				
593	Full Lite: CPVC Door Frame, Extreme Door: Injection Lite Frame: Lami / Air / Clear (3mm 090PVB 3mm/3mm) 1" IG	0.324		0.550	AIR	0.118						CL	CU-D	N,G	0.35	0.29	0.33	0.26	0.29		
594	Full Lite: CPVC Door Frame, Extreme Door: Injection Lite Frame: Lami / Air / E272 (3mm 090PVB 3mm/3mm) 1" IG	0.324		0.550	AIR	0.117	0.042(#3)					CL	CU-D	N,G	0.28	0.20	0.29	0.18	0.25		
595	Full Lite: CPVC Door Frame, Extreme Door: Injection Lite Frame: Lami / Air / YEA (3mm 090PVB 3mm/3mm) 1" IG	0.324		0.550	AIR	0.126	0.162(#3)					CL	A1-S	N,G	0.31	0.27	0.31	0.24	0.27		



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**SIMULATION RESULTS**

TOTAL PRODUCT CALCULATIONS (Plastpro Fiberglass Door)																					
Option Number	Description	Pane Thickness 1 (in.)	Low-e Pane 1	Gap Width 1 (in.)	Gap Fill 1	Pane Thickness 2 (in.)	Low-e Pane 2	Gap Width 2 (in.)	Gap Fill 2	Pane Thickness 3 (in.)	Low-e Pane 3	Tint	Spacer	Grid Type	U-Factor (Btu-in/hr-ft <sup>2</sup> -F)	SHGC - No Grids	VT - No Grids	SHGC - Grids < 1"	VT - Grids < 1"	SHGC - Grids > 1"	VT - Grids > 1"
596	Full Lite: CPVC Door Frame, Extreme Door: Injection Lite Frame: Lami / Air / ISE81-6 (3mm 090PVB 3mm/3mm) 1" IG	0.324		0.550	AIR	0.120	0.147(#3)					CL	A1-S	N,G	0.31	0.26	0.30	0.23	0.26		
597	Full Lite: CPVC Door Frame, Extreme Door: Injection Lite Frame: Clear / Air / Deco / Air / Clear (3mm/6mm/3mm) 1" IG	0.123		0.270	AIR	0.225		0.270	AIR	0.123		CL	A1-D	G	0.32			0.27	0.27		
598	Full Lite: CPVC Door Frame, Extreme Door: Injection Lite Frame: Clear / Air / Deco / Air / Clear (3mm/6mm/3mm) 1" IG	0.123		0.270	AIR	0.225		0.270	AIR	0.123		CL	A5-S	G	0.31			0.27	0.27		
599	Full Lite: CPVC Door Frame, Extreme Door: Injection Lite Frame: Clear / Air / Clear (3mm/3mm) BBG 1" IG	0.123		0.750	AIR	0.123						CL	A1-D	N	0.39	0.30	0.31				
600	Full Lite: CPVC Door Frame, Extreme Door: Injection Lite Frame: S83 / Air / Clear (3mm 3mm) BBG 1" IG	0.124	0.103(#2)	0.750	AIR	0.123						CL	A1-D	N	0.34	0.23	0.29				
601	1/4 Lite: Default Wood Door Frame, Extreme Door: CPVC Lite Frame: Clear / Air / Clear (3mm/3mm) 1/2" IG	0.123		0.250	AIR	0.123						CL	A1-S	N	0.24	0.10	0.10				

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**SIMULATION RESULTS**

TOTAL PRODUCT CALCULATIONS (Plastpro Fiberglass Door)																					
Option Number	Description	Pane Thickness 1 (in.)	Low-e Pane 1	Gap Width 1 (in.)	Gap Fill 1	Pane Thickness 2 (in.)	Low-e Pane 2	Gap Width 2 (in.)	Gap Fill 2	Pane Thickness 3 (in.)	Low-e Pane 3	Tint	Spacer	Grid Type	U-Factor (Btu-in/hr-ft2-F)	SHGC - No Grids	VT - No Grids	SHGC - Grids < 1"	VT - Grids < 1"	SHGC - Grids > 1"	VT - Grids > 1"
602	1/4 Lite: Default Wood Door Frame, Extreme Door: CPVC Lite Frame: Clear / Air / Clear (3mm/3mm) 9/16" IG	0.123		0.313	AIR	0.123						CL	A1-S	G	0.24			0.09	0.09		
603	1/4 Lite: Default Wood Door Frame, Extreme Door: CPVC Lite Frame: Clear / Air / Clear (3mm/3mm) 9/16" IG	0.123		0.313	AIR	0.123						CL	A1-S	S	0.24					0.08	0.08
604	1/4 Lite: Default Wood Door Frame, Extreme Door: CPVC Lite Frame: CS73 / Air / Clear (3mm/3mm) 1/2" IG	0.123	0.148(#2)	0.250	AIR	0.123						CL	A1-S	N	0.23	0.09	0.09				
605	1/4 Lite: Default Wood Door Frame, Extreme Door: CPVC Lite Frame: CS73 / Air / Clear (3mm/3mm) 9/16" IG	0.123	0.148(#2)	0.313	AIR	0.123						CL	A1-S	G	0.23			0.08	0.08		
606	1/4 Lite: Default Wood Door Frame, Extreme Door: CPVC Lite Frame: CS73 / Air / Clear (3mm/3mm) 9/16" IG	0.123	0.148(#2)	0.313	AIR	0.123						CL	A1-S	S	0.23					0.07	0.07
607	1/4 Lite: Default Wood Door Frame, Extreme Door: CPVC Lite Frame: Clear / Air / Clear (3mm/3mm) 1" IG	0.123		0.750	AIR	0.123						CL	A1-S	N,G	0.24	0.10	0.10	0.09	0.09		

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**SIMULATION RESULTS**

TOTAL PRODUCT CALCULATIONS (Plastpro Fiberglass Door)																					
Option Number	Description	Pane Thickness 1 (in.)	Low-e Pane 1	Gap Width 1 (in.)	Gap Fill 1	Pane Thickness 2 (in.)	Low-e Pane 2	Gap Width 2 (in.)	Gap Fill 2	Pane Thickness 3 (in.)	Low-e Pane 3	Tint	Spacer	Grid Type	U-Factor (Btu-in/hr-ft <sup>2</sup> -F)	SHGC - No Grids	VT - No Grids	SHGC - Grids < 1"	VT - Grids < 1"	SHGC - Grids > 1"	VT - Grids > 1"
608	1/4 Lite: Default Wood Door Frame, Extreme Door: CPVC Lite Frame: Clear / Air / Clear (3mm/3mm) 1" IG	0.123		0.750	AIR	0.123						CL	A1-S	S	0.24					0.08	0.08
609	1/4 Lite: Default Wood Door Frame, Extreme Door: CPVC Lite Frame: CS73 / Air / Clear (3mm/3mm) 1" IG	0.123	0.148(#2)	0.750	AIR	0.123						CL	A1-S	N,G	0.22	0.09	0.09	0.08	0.08		
610	1/4 Lite: Default Wood Door Frame, Extreme Door: CPVC Lite Frame: CS73 / Air / Clear (3mm/3mm) 1" IG	0.123	0.148(#2)	0.750	AIR	0.123						CL	A1-S	S	0.22					0.07	0.07
611	1/4 Lite: Default Wood Door Frame, Extreme Door: Injection Lite Frame: Clear / Air / Clear (3mm/3mm) 1/2" IG	0.123		0.250	AIR	0.123						CL	CU-D	N	0.25	0.10	0.10				
612	1/4 Lite: Default Wood Door Frame, Extreme Door: Injection Lite Frame: Clear / Air / Clear (3mm/3mm) 9/16" IG	0.123		0.313	AIR	0.123						CL	CU-D	G	0.25			0.09	0.09		
613	1/4 Lite: Default Wood Door Frame, Extreme Door: Injection Lite Frame: E272 / Air / Clear (3mm/3mm) 1/2" IG	0.117	0.042(#2)	0.250	AIR	0.118						CL	CU-D	N	0.23	0.06	0.09				

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TOTAL PRODUCT CALCULATIONS (Plastpro Fiberglass Door)																					
Option Number	Description	Pane Thickness 1 (in.)	Low-e Pane 1	Gap Width 1 (in.)	Gap Fill 1	Pane Thickness 2 (in.)	Low-e Pane 2	Gap Width 2 (in.)	Gap Fill 2	Pane Thickness 3 (in.)	Low-e Pane 3	Tint	Spacer	Grid Type	U-Factor (Btu-in/hr-ft <sup>2</sup> -F)	SHGC - No Grids	VT - No Grids	SHGC - Grids < 1"	VT - Grids < 1"	SHGC - Grids > 1"	VT - Grids > 1"
614	1/4 Lite: Default Wood Door Frame, Extreme Door: Injection Lite Frame: E272 / Air / Clear (3mm/3mm) 9/16" IG	0.117	0.042(#2)	0.313	AIR	0.118						CL	CU-D	G	0.23			0.05	0.08		
615	1/4 Lite: Default Wood Door Frame, Extreme Door: Injection Lite Frame: E272 / Argon / Clear (3mm/3mm) 1/2" IG	0.117	0.042(#2)	0.250	ARG90	0.118						CL	CU-D	N	0.23	0.06	0.09				
616	1/4 Lite: Default Wood Door Frame, Extreme Door: Injection Lite Frame: E272 / Argon / Clear (3mm/3mm) 9/16" IG	0.117	0.042(#2)	0.313	ARG90	0.118						CL	CU-D	G	0.22			0.05	0.08		
617	1/4 Lite: Default Wood Door Frame, Extreme Door: Injection Lite Frame: E272 / Air / Clear (3mm/3mm) 1" IG	0.117	0.042(#2)	0.750	AIR	0.118						CL	CU-D	N,G	0.22	0.06	0.09	0.05	0.08		
618	1/4 Lite: Default Wood Door Frame, Extreme Door: Injection Lite Frame: E272 / Argon / Clear (3mm/3mm) 1" IG	0.117	0.042(#2)	0.750	ARG90	0.118						CL	CU-D	N,G	0.22	0.06	0.09	0.05	0.08		

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SIMULATION RESULTS**

TOTAL PRODUCT CALCULATIONS (Plastpro Fiberglass Door)																					
Option Number	Description	Pane Thickness 1 (in.)	Low-e Pane 1	Gap Width 1 (in.)	Gap Fill 1	Pane Thickness 2 (in.)	Low-e Pane 2	Gap Width 2 (in.)	Gap Fill 2	Pane Thickness 3 (in.)	Low-e Pane 3	Tint	Spacer	Grid Type	U-Factor (Btu-in/hr-ft <sup>2</sup> -F)	SHGC - No Grids	VT - No Grids	SHGC - Grids < 1"	VT - Grids < 1"	SHGC - Grids > 1"	VT - Grids > 1"
619	1/4 Lite: Default Wood Door Frame, Extreme Door: Injection Lite Frame: Lami / Air / Clear (3mm 090PVB 3mm/3mm) 1-7/32" IG	0.324		0.750	AIR	0.118						CL	A1-S	N,G	0.25	0.09	0.09	0.08	0.08		
620	1/4 Lite: Default Wood Door Frame, Extreme Door: Injection Lite Frame: Lami / Air / E272 (3mm 090PVB 3mm/3mm) 1-7/32" IG	0.324		0.750	AIR	0.117	0.042(#3)					CL	CU-D	N,G	0.22	0.06	0.08	0.06	0.07		
621	1/4 Lite: Default Wood Door Frame, Extreme Door: Injection Lite Frame: Lami / Air / ISE81-6 (3mm 090PVB 3mm/3mm) 1-7/32" IG	0.324		0.750	AIR	0.120	0.147(#3)					CL	A1-S	N,G	0.23	0.08	0.09	0.07	0.08		
622	1/4 Lite: Default Wood Door Frame, Extreme Door: Injection Lite Frame: Lami / Air / YEA (3mm 090PVB 3mm/3mm) 1-7/32" IG	0.324		0.750	AIR	0.126	0.162(#3)					CL	A1-S	N,G	0.23	0.08	0.09	0.08	0.08		

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**SIMULATION RESULTS**

TOTAL PRODUCT CALCULATIONS (Plastpro Fiberglass Door)																					
Option Number	Description	Pane Thickness 1 (in.)	Low-e Pane 1	Gap Width 1 (in.)	Gap Fill 1	Pane Thickness 2 (in.)	Low-e Pane 2	Gap Width 2 (in.)	Gap Fill 2	Pane Thickness 3 (in.)	Low-e Pane 3	Tint	Spacer	Grid Type	U-Factor (Btu-in/hr-ft <sup>2</sup> -F)	SHGC - No Grids	VT - No Grids	SHGC - Grids < 1"	VT - Grids < 1"	SHGC - Grids > 1"	VT - Grids > 1"
623	1/4 Lite: Default Wood Door Frame, Extreme Door: Impact Lite Frame: Lami / Air / Clear (3mm 090PVB 3mm/3mm) 1-7/32" IG	0.324		0.750	AIR	0.118						CL	A1-S	N,G	0.24	0.09	0.09	0.08	0.08		
624	1/4 Lite: Default Wood Door Frame, Extreme Door: Impact Lite Frame: Lami / Air / ISE81-6 (3mm 090PVB 3mm/3mm) 1-7/32" IG	0.324		0.750	AIR	0.120	0.147(#3)					CL	A1-S	N,G	0.22	0.08	0.09	0.07	0.08		
625	1/4 Lite: Default Wood Door Frame, Extreme Door: Impact Lite Frame: Lami / Air / CS73 (3mm 090PVB 3mm/3mm) 1-7/32" IG	0.324		0.750	AIR	0.123	0.148(#3)					CL	A1-S	N,G	0.22	0.08	0.09	0.08	0.08		
626	1/4 Lite: Default Wood Door Frame, Extreme Door: Impact Lite Frame: Lami / Air / Deco / Air / Clear (3mm 090PVB 3mm/6mm)/3mm 1-7/32" IG	0.324		0.270	AIR	0.225		0.270	AIR	0.123		CL	A1-D	G	0.22			0.07	0.08		

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**SIMULATION RESULTS**

TOTAL PRODUCT CALCULATIONS (Plastpro Fiberglass Door)																					
Option Number	Description	Pane Thickness 1 (in.)	Low-e Pane 1	Gap Width 1 (in.)	Gap Fill 1	Pane Thickness 2 (in.)	Low-e Pane 2	Gap Width 2 (in.)	Gap Fill 2	Pane Thickness 3 (in.)	Low-e Pane 3	Tint	Spacer	Grid Type	U-Factor (Btu-in/hr-ft <sup>2</sup> -F)	SHGC - No Grids	VT - No Grids	SHGC - Grids < 1"	VT - Grids < 1"	SHGC - Grids > 1"	VT - Grids > 1"
627	1/4 Lite: Default Wood Door Frame, Extreme Door: Impact Lite Frame: Lami / Air / Deco / Air / Clear (3mm 090PVB 3mm/6mm)/3mm 1-7/32" IG	0.324		0.270	AIR	0.225		0.270	AIR	0.123		CL	A5-S	G	0.22			0.07	0.08		
628	1/4 Lite: Default Wood Door Frame, Extreme Door: Injection Lite Frame: Lami / Air / Clear (3mm 090PVB 3mm/3mm) 1" IG	0.324		0.550	AIR	0.118						CL	CU-D	N,G	0.24	0.09	0.09	0.08	0.08		
629	1/4 Lite: Default Wood Door Frame, Extreme Door: Injection Lite Frame: Lami / Air / E272 (3mm 090PVB 3mm/3mm) 1" IG	0.324		0.550	AIR	0.117	0.042(#3)					CL	CU-D	N,G	0.22	0.06	0.08	0.06	0.07		
630	1/4 Lite: Default Wood Door Frame, Extreme Door: Injection Lite Frame: Lami / Air / YEA (3mm 090PVB 3mm/3mm) 1" IG	0.324		0.550	AIR	0.126	0.162(#3)					CL	A1-S	N,G	0.23	0.08	0.09	0.08	0.08		
631	1/4 Lite: Default Wood Door Frame, Extreme Door: Injection Lite Frame: Lami / Air / ISE81-6 (3mm 090PVB 3mm/3mm) 1" IG	0.324		0.550	AIR	0.120	0.147(#3)					CL	A1-S	N,G	0.23	0.08	0.09	0.07	0.08		

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TOTAL PRODUCT CALCULATIONS (Plastpro Fiberglass Door)																					
Option Number	Description	Pane Thickness 1 (in.)	Low-e Pane 1	Gap Width 1 (in.)	Gap Fill 1	Pane Thickness 2 (in.)	Low-e Pane 2	Gap Width 2 (in.)	Gap Fill 2	Pane Thickness 3 (in.)	Low-e Pane 3	Tint	Spacer	Grid Type	U-Factor (Btu-in/hr-ft2-F)	SHGC - No Grids	VT - No Grids	SHGC - Grids < 1"	VT - Grids < 1"	SHGC - Grids > 1"	VT - Grids > 1"
632	1/4 Lite: Default Wood Door Frame, Extreme Door: Injection Lite Frame: Clear / Air / Deco / Air / Clear (3mm/6mm/3mm) 1" IG	0.123		0.270	AIR	0.225		0.270	AIR	0.123		CL	A1-D	G	0.23			0.08	0.08		
633	1/4 Lite: Default Wood Door Frame, Extreme Door: Injection Lite Frame: Clear / Air / Deco / Air / Clear (3mm/6mm/3mm) 1" IG	0.123		0.270	AIR	0.225		0.270	AIR	0.123		CL	A5-S	G	0.23			0.08	0.08		
634	1/2 Lite: Default Wood Door Frame, Extreme Door: CPVC Lite Frame: Clear / Air / Clear (3mm/3mm) 1/2" IG	0.123		0.250	AIR	0.123						CL	A1-S	N	0.30	0.19	0.19				
635	1/2 Lite: Default Wood Door Frame, Extreme Door: CPVC Lite Frame: Clear / Air / Clear (3mm/3mm) 9/16" IG	0.123		0.313	AIR	0.123						CL	A1-S	G	0.29			0.17	0.17		
636	1/2 Lite: Default Wood Door Frame, Extreme Door: CPVC Lite Frame: Clear / Air / Clear (3mm/3mm) 9/16" IG	0.123		0.313	AIR	0.123						CL	A1-S	S	0.29					0.15	0.14



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TOTAL PRODUCT CALCULATIONS (Plastpro Fiberglass Door)																					
Option Number	Description	Pane Thickness 1 (in.)	Low-e Pane 1	Gap Width 1 (in.)	Gap Fill 1	Pane Thickness 2 (in.)	Low-e Pane 2	Gap Width 2 (in.)	Gap Fill 2	Pane Thickness 3 (in.)	Low-e Pane 3	Tint	Spacer	Grid Type	U-Factor (Btu-in/hr-ft <sup>2</sup> -F)	SHGC - No Grids	VT - No Grids	SHGC - Grids < 1"	VT - Grids < 1"	SHGC - Grids > 1"	VT - Grids > 1"
637	1/2 Lite: Default Wood Door Frame, Extreme Door: CPVC Lite Frame: CS73 / Air / Clear (3mm/3mm) 1/2" IG	0.123	0.148(#2)	0.250	AIR	0.123						CL	A1-S	N	0.27	0.16	0.18				
638	1/2 Lite: Default Wood Door Frame, Extreme Door: CPVC Lite Frame: CS73 / Air / Clear (3mm/3mm) 9/16" IG	0.123	0.148(#2)	0.313	AIR	0.123						CL	A1-S	G	0.27			0.14	0.15		
639	1/2 Lite: Default Wood Door Frame, Extreme Door: CPVC Lite Frame: CS73 / Air / Clear (3mm/3mm) 9/16" IG	0.123	0.148(#2)	0.313	AIR	0.123						CL	A1-S	S	0.27					0.12	0.13
640	1/2 Lite: Default Wood Door Frame, Extreme Door: CPVC Lite Frame: Clear / Air / Clear (3mm/3mm) 1" IG	0.123		0.750	AIR	0.123						CL	A1-S	N,G	0.28	0.19	0.19	0.17	0.17		
641	1/2 Lite: Default Wood Door Frame, Extreme Door: CPVC Lite Frame: Clear / Air / Clear (3mm/3mm) 1" IG	0.123		0.750	AIR	0.123						CL	A1-S	S	0.28					0.15	0.14
642	1/2 Lite: Default Wood Door Frame, Extreme Door: CPVC Lite Frame: CS73 / Air / Clear (3mm/3mm) 1" IG	0.123	0.148(#2)	0.750	AIR	0.123						CL	A1-S	N,G	0.25	0.16	0.18	0.14	0.15		

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TOTAL PRODUCT CALCULATIONS (Plastpro Fiberglass Door)																					
Option Number	Description	Pane Thickness 1 (in.)	Low-e Pane 1	Gap Width 1 (in.)	Gap Fill 1	Pane Thickness 2 (in.)	Low-e Pane 2	Gap Width 2 (in.)	Gap Fill 2	Pane Thickness 3 (in.)	Low-e Pane 3	Tint	Spacer	Grid Type	U-Factor (Btu-in/hr-ft <sup>2</sup> -F)	SHGC - No Grids	VT - No Grids	SHGC - Grids < 1"	VT - Grids < 1"	SHGC - Grids > 1"	VT - Grids > 1"
643	1/2 Lite: Default Wood Door Frame, Extreme Door: CPVC Lite Frame: CS73 / Air / Clear (3mm/3mm) 1" IG	0.123	0.148(#2)	0.750	AIR	0.123						CL	A1-S	S	0.25					0.12	0.13
644	1/2 Lite: Default Wood Door Frame, Extreme Door: Injection Lite Frame: Clear / Air / Clear (3mm/3mm) 1/2" IG	0.123		0.250	AIR	0.123						CL	CU-D	N	0.31	0.19	0.19				
645	1/2 Lite: Default Wood Door Frame, Extreme Door: Injection Lite Frame: Clear / Air / Clear (3mm/3mm) 9/16" IG	0.123		0.313	AIR	0.123						CL	CU-D	G	0.30			0.17	0.17		
646	1/2 Lite: Default Wood Door Frame, Extreme Door: Injection Lite Frame: E272 / Air / Clear (3mm/3mm) 1/2" IG	0.117	0.042(#2)	0.250	AIR	0.118						CL	CU-D	N	0.27	0.11	0.17				
647	1/2 Lite: Default Wood Door Frame, Extreme Door: Injection Lite Frame: E272 / Air / Clear (3mm/3mm) 9/16" IG	0.117	0.042(#2)	0.313	AIR	0.118						CL	CU-D	G	0.27			0.10	0.15		
648	1/2 Lite: Default Wood Door Frame, Extreme Door: Injection Lite Frame: E272 / Argon / Clear (3mm/3mm) 1/2" IG	0.117	0.042(#2)	0.250	ARG90	0.118						CL	CU-D	N	0.26	0.11	0.17				

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TOTAL PRODUCT CALCULATIONS (Plastpro Fiberglass Door)																					
Option Number	Description	Pane Thickness 1 (in.)	Low-e Pane 1	Gap Width 1 (in.)	Gap Fill 1	Pane Thickness 2 (in.)	Low-e Pane 2	Gap Width 2 (in.)	Gap Fill 2	Pane Thickness 3 (in.)	Low-e Pane 3	Tint	Spacer	Grid Type	U-Factor (Btu-in/hr-ft <sup>2</sup> -F)	SHGC - No Grids	VT - No Grids	SHGC - Grids < 1"	VT - Grids < 1"	SHGC - Grids > 1"	VT - Grids > 1"
649	1/2 Lite: Default Wood Door Frame, Extreme Door: Injection Lite Frame: E272 / Argon / Clear (3mm/3mm) 9/16" IG	0.117	0.042(#2)	0.313	ARG90	0.118						CL	CU-D	G	0.25			0.09	0.15		
650	1/2 Lite: Default Wood Door Frame, Extreme Door: Injection Lite Frame: E272 / Air / Clear (3mm/3mm) 1" IG	0.117	0.042(#2)	0.750	AIR	0.118						CL	CU-D	N,G	0.25	0.11	0.17	0.09	0.15		
651	1/2 Lite: Default Wood Door Frame, Extreme Door: Injection Lite Frame: E272 / Argon / Clear (3mm/3mm) 1" IG	0.117	0.042(#2)	0.750	ARG90	0.118						CL	CU-D	N,G	0.24	0.11	0.17	0.09	0.15		
652	1/2 Lite: Default Wood Door Frame, Extreme Door: Injection Lite Frame: Lami / Air / Clear (3mm 090PVB 3mm/3mm) 1-7/32" IG	0.324		0.750	AIR	0.118						CL	A1-S	N,G	0.29	0.17	0.18	0.15	0.16		
653	1/2 Lite: Default Wood Door Frame, Extreme Door: Injection Lite Frame: Lami / Air / E272 (3mm 090PVB 3mm/3mm) 1-7/32" IG	0.324		0.750	AIR	0.117	0.042(#3)					CL	CU-D	N,G	0.25	0.12	0.16	0.10	0.14		

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TOTAL PRODUCT CALCULATIONS (Plastpro Fiberglass Door)																					
Option Number	Description	Pane Thickness 1 (in.)	Low-e Pane 1	Gap Width 1 (in.)	Gap Fill 1	Pane Thickness 2 (in.)	Low-e Pane 2	Gap Width 2 (in.)	Gap Fill 2	Pane Thickness 3 (in.)	Low-e Pane 3	Tint	Spacer	Grid Type	U-Factor (Btu-in/hr-ft2-F)	SHGC - No Grids	VT - No Grids	SHGC - Grids < 1"	VT - Grids < 1"	SHGC - Grids > 1"	VT - Grids > 1"
654	1/2 Lite: Default Wood Door Frame, Extreme Door: Injection Lite Frame: Lami / Air / ISE81-6 (3mm 090PVB 3mm/3mm) 1-7/32" IG	0.324		0.750	AIR	0.120	0.147(#3)					CL	A1-S	N,G	0.26	0.15	0.17	0.13	0.15		
655	1/2 Lite: Default Wood Door Frame, Extreme Door: Injection Lite Frame: Lami / Air / YEA (3mm 090PVB 3mm/3mm) 1-7/32" IG	0.324		0.750	AIR	0.126	0.162(#3)					CL	A1-S	N,G	0.26	0.15	0.17	0.14	0.15		
656	1/2 Lite: Default Wood Door Frame, Extreme Door: Injection Lite Frame: Lami / Air / Clear (3mm 090PVB 3mm/3mm) BBG 1-7/32" IG	0.324		0.750	AIR	0.118						CL	A1-D	N	0.31	0.14	0.16				
657	1/2 Lite: Default Wood Door Frame, Extreme Door: Injection Lite Frame: Lami / Air / S83 (3mm 090PVB 3mm/3mm) BBG 1-7/32" IG	0.324		0.750	AIR	0.124	0.103(#3)					CL	A1-D	N	0.27	0.13	0.15				

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TOTAL PRODUCT CALCULATIONS (Plastpro Fiberglass Door)																					
Option Number	Description	Pane Thickness 1 (in.)	Low-e Pane 1	Gap Width 1 (in.)	Gap Fill 1	Pane Thickness 2 (in.)	Low-e Pane 2	Gap Width 2 (in.)	Gap Fill 2	Pane Thickness 3 (in.)	Low-e Pane 3	Tint	Spacer	Grid Type	U-Factor (Btu-in/hr-ft <sup>2</sup> -F)	SHGC - No Grids	VT - No Grids	SHGC - Grids < 1"	VT - Grids < 1"	SHGC - Grids > 1"	VT - Grids > 1"
658	1/2 Lite: Default Wood Door Frame, Extreme Door: Impact Lite Frame: Lami / Air / Clear (3mm 090PVB 3mm/3mm) 1-7/32" IG	0.324		0.750	AIR	0.118						CL	A1-S	N,G	0.28	0.17	0.18	0.15	0.16		
659	1/2 Lite: Default Wood Door Frame, Extreme Door: Impact Lite Frame: Lami / Air / ISE81-6 (3mm 090PVB 3mm/3mm) 1-7/32" IG	0.324		0.750	AIR	0.120	0.147(#3)					CL	A1-S	N,G	0.25	0.15	0.17	0.13	0.15		
660	1/2 Lite: Default Wood Door Frame, Extreme Door: Impact Lite Frame: Lami / Air / CS73 (3mm 090PVB 3mm/3mm) 1-7/32" IG	0.324		0.750	AIR	0.123	0.148(#3)					CL	A1-S	N,G	0.25	0.15	0.17	0.14	0.14		
661	1/2 Lite: Default Wood Door Frame, Extreme Door: Impact Lite Frame: Lami / Air / Deco / Air / Clear (3mm 090PVB 3mm/6mm)/3mm 1-7/32" IG	0.324		0.270	AIR	0.225		0.270	AIR	0.123		CL	A1-D	G	0.25			0.13	0.14		

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TOTAL PRODUCT CALCULATIONS (Plastpro Fiberglass Door)																					
Option Number	Description	Pane Thickness 1 (in.)	Low-e Pane 1	Gap Width 1 (in.)	Gap Fill 1	Pane Thickness 2 (in.)	Low-e Pane 2	Gap Width 2 (in.)	Gap Fill 2	Pane Thickness 3 (in.)	Low-e Pane 3	Tint	Spacer	Grid Type	U-Factor (Btu-in/hr-ft <sup>2</sup> -F)	SHGC - No Grids	VT - No Grids	SHGC - Grids < 1"	VT - Grids < 1"	SHGC - Grids > 1"	VT - Grids > 1"
662	1/2 Lite: Default Wood Door Frame, Extreme Door: Impact Lite Frame: Lami / Air / Deco / Air / Clear (3mm 090PVB 3mm/6mm)/3mm 1-7/32" IG	0.324		0.270	AIR	0.225		0.270	AIR	0.123		CL	A5-S	G	0.25			0.13	0.14		
663	1/2 Lite: Default Wood Door Frame, Extreme Door: Impact Lite Frame: Lami / Air / Clear (3mm 090PVB 3mm/3mm) BBG 1-7/32" IG	0.324		0.750	AIR	0.118						CL	A1-D	N	0.29	0.14	0.16				
664	1/2 Lite: Default Wood Door Frame, Extreme Door: Impact Lite Frame: Lami / Air / S83 (3mm 090PVB 3mm/3mm) BBG 1-7/32" IG	0.324		0.750	AIR	0.124	0.103(#3)					CL	A1-D	N	0.26	0.13	0.15				
665	1/2 Lite: Default Wood Door Frame, Extreme Door: Injection Lite Frame: Lami / Air / Clear (3mm 090PVB 3mm/3mm) 1" IG	0.324		0.550	AIR	0.118						CL	CU-D	N,G	0.28	0.17	0.18	0.15	0.16		
666	1/2 Lite: Default Wood Door Frame, Extreme Door: Injection Lite Frame: Lami / Air / E272 (3mm 090PVB 3mm/3mm) 1" IG	0.324		0.550	AIR	0.117	0.042(#3)					CL	CU-D	N,G	0.25	0.12	0.16	0.10	0.14		

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TOTAL PRODUCT CALCULATIONS (Plastpro Fiberglass Door)																					
Option Number	Description	Pane Thickness 1 (in.)	Low-e Pane 1	Gap Width 1 (in.)	Gap Fill 1	Pane Thickness 2 (in.)	Low-e Pane 2	Gap Width 2 (in.)	Gap Fill 2	Pane Thickness 3 (in.)	Low-e Pane 3	Tint	Spacer	Grid Type	U-Factor (Btu-in/hr-ft <sup>2</sup> -F)	SHGC - No Grids	VT - No Grids	SHGC - Grids < 1"	VT - Grids < 1"	SHGC - Grids > 1"	VT - Grids > 1"
667	1/2 Lite: Default Wood Door Frame, Extreme Door: Injection Lite Frame: Lami / Air / YEA (3mm 090PVB 3mm/3mm) 1" IG	0.324		0.550	AIR	0.126	0.162(#3)					CL	A1-S	N,G	0.26	0.15	0.17	0.14	0.15		
668	1/2 Lite: Default Wood Door Frame, Extreme Door: Injection Lite Frame: Lami / Air / ISE81-6 (3mm 090PVB 3mm/3mm) 1" IG	0.324		0.550	AIR	0.120	0.147(#3)					CL	A1-S	N,G	0.26	0.15	0.17	0.13	0.15		
669	1/2 Lite: Default Wood Door Frame, Extreme Door: Injection Lite Frame: Clear / Air / Deco / Air / Clear (3mm/6mm/3mm) 1" IG	0.123		0.270	AIR	0.225		0.270	AIR	0.123		CL	A1-D	G	0.27			0.15	0.15		
670	1/2 Lite: Default Wood Door Frame, Extreme Door: Injection Lite Frame: Clear / Air / Deco / Air / Clear (3mm/6mm/3mm) 1" IG	0.123		0.270	AIR	0.225		0.270	AIR	0.123		CL	A5-S	G	0.26			0.15	0.15		
671	1/2 Lite: Default Wood Door Frame, Extreme Door: Injection Lite Frame: Clear / Air / Clear (3mm/3mm) BBG 1" IG	0.123		0.750	AIR	0.123						CL	A1-D	N	0.31	0.17	0.17				

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TOTAL PRODUCT CALCULATIONS (Plastpro Fiberglass Door)																					
Option Number	Description	Pane Thickness 1 (in.)	Low-e Pane 1	Gap Width 1 (in.)	Gap Fill 1	Pane Thickness 2 (in.)	Low-e Pane 2	Gap Width 2 (in.)	Gap Fill 2	Pane Thickness 3 (in.)	Low-e Pane 3	Tint	Spacer	Grid Type	U-Factor (Btu-in/hr-ft2-F)	SHGC - No Grids	VT - No Grids	SHGC - Grids < 1"	VT - Grids < 1"	SHGC - Grids > 1"	VT - Grids > 1"
672	1/2 Lite: Default Wood Door Frame, Extreme Door: Injection Lite Frame: S83 / Air / Clear (3mm 3mm) BBG 1" IG	0.124	0.103(#2)	0.750	AIR	0.123						CL	A1-D	N	0.28	0.13	0.16				
673	3/4 Lite: Default Wood Door Frame, Extreme Door: CPVC Lite Frame: Clear / Air / Clear (3mm/3mm) 1/2" IG	0.123		0.250	AIR	0.123						CL	A1-S	N	0.33	0.26	0.26				
674	3/4 Lite: Default Wood Door Frame, Extreme Door: CPVC Lite Frame: Clear / Air / Clear (3mm/3mm) 9/16" IG	0.123		0.313	AIR	0.123						CL	A1-S	G	0.33			0.23	0.23		
675	3/4 Lite: Default Wood Door Frame, Extreme Door: CPVC Lite Frame: Clear / Air / Clear (3mm/3mm) 9/16" IG	0.123		0.313	AIR	0.123						CL	A1-S	S	0.33					0.20	0.19
676	3/4 Lite: Default Wood Door Frame, Extreme Door: CPVC Lite Frame: CS73 / Air / Clear (3mm/3mm) 1/2" IG	0.123	0.148(#2)	0.250	AIR	0.123						CL	A1-S	N	0.30	0.21	0.24				



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TOTAL PRODUCT CALCULATIONS (Plastpro Fiberglass Door)																					
Option Number	Description	Pane Thickness 1 (in.)	Low-e Pane 1	Gap Width 1 (in.)	Gap Fill 1	Pane Thickness 2 (in.)	Low-e Pane 2	Gap Width 2 (in.)	Gap Fill 2	Pane Thickness 3 (in.)	Low-e Pane 3	Tint	Spacer	Grid Type	U-Factor (Btu-in/hr-ft2-F)	SHGC - No Grids	VT - No Grids	SHGC - Grids < 1"	VT - Grids < 1"	SHGC - Grids > 1"	VT - Grids > 1"
677	3/4 Lite: Default Wood Door Frame, Extreme Door: CPVC Lite Frame: CS73 / Air / Clear (3mm/3mm) 9/16" IG	0.123	0.148(#2)	0.313	AIR	0.123						CL	A1-S	G	0.29			0.19	0.20		
678	3/4 Lite: Default Wood Door Frame, Extreme Door: CPVC Lite Frame: CS73 / Air / Clear (3mm/3mm) 9/16" IG	0.123	0.148(#2)	0.313	AIR	0.123						CL	A1-S	S	0.29					0.16	0.18
679	3/4 Lite: Default Wood Door Frame, Extreme Door: CPVC Lite Frame: Clear / Air / Clear (3mm/3mm) 1" IG	0.123		0.750	AIR	0.123						CL	A1-S	N,G	0.31	0.26	0.26	0.23	0.23		
680	3/4 Lite: Default Wood Door Frame, Extreme Door: CPVC Lite Frame: Clear / Air / Clear (3mm/3mm) 1" IG	0.123		0.750	AIR	0.123						CL	A1-S	S	0.31					0.20	0.19
681	3/4 Lite: Default Wood Door Frame, Extreme Door: CPVC Lite Frame: CS73 / Air / Clear (3mm/3mm) 1" IG	0.123	0.148(#2)	0.750	AIR	0.123						CL	A1-S	N,G	0.27	0.21	0.24	0.19	0.20		
682	3/4 Lite: Default Wood Door Frame, Extreme Door: CPVC Lite Frame: CS73 / Air / Clear (3mm/3mm) 1" IG	0.123	0.148(#2)	0.750	AIR	0.123						CL	A1-S	S	0.27					0.16	0.18

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**SIMULATION RESULTS**

TOTAL PRODUCT CALCULATIONS (Plastpro Fiberglass Door)																					
Option Number	Description	Pane Thickness 1 (in.)	Low-e Pane 1	Gap Width 1 (in.)	Gap Fill 1	Pane Thickness 2 (in.)	Low-e Pane 2	Gap Width 2 (in.)	Gap Fill 2	Pane Thickness 3 (in.)	Low-e Pane 3	Tint	Spacer	Grid Type	U-Factor (Btu-in/hr-ft <sup>2</sup> -F)	SHGC - No Grids	VT - No Grids	SHGC - Grids < 1"	VT - Grids < 1"	SHGC - Grids > 1"	VT - Grids > 1"
683	3/4 Lite: Default Wood Door Frame, Extreme Door: Injection Lite Frame: Clear / Air / Clear (3mm/3mm) 1/2" IG	0.123		0.250	AIR	0.123						CL	CU-D	N	0.34	0.26	0.26				
684	3/4 Lite: Default Wood Door Frame, Extreme Door: Injection Lite Frame: Clear / Air / Clear (3mm/3mm) 9/16" IG	0.123		0.313	AIR	0.123						CL	CU-D	G	0.34			0.23	0.23		
685	3/4 Lite: Default Wood Door Frame, Extreme Door: Injection Lite Frame: E272 / Air / Clear (3mm/3mm) 1/2" IG	0.117	0.042(#2)	0.250	AIR	0.118						CL	CU-D	N	0.30	0.14	0.23				
686	3/4 Lite: Default Wood Door Frame, Extreme Door: Injection Lite Frame: E272 / Air / Clear (3mm/3mm) 9/16" IG	0.117	0.042(#2)	0.313	AIR	0.118						CL	CU-D	G	0.30			0.13	0.20		
687	3/4 Lite: Default Wood Door Frame, Extreme Door: Injection Lite Frame: E272 / Argon / Clear (3mm/3mm) 1/2" IG	0.117	0.042(#2)	0.250	ARG90	0.118						CL	CU-D	N	0.28	0.14	0.23				

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**SIMULATION RESULTS**

TOTAL PRODUCT CALCULATIONS (Plastpro Fiberglass Door)																					
Option Number	Description	Pane Thickness 1 (in.)	Low-e Pane 1	Gap Width 1 (in.)	Gap Fill 1	Pane Thickness 2 (in.)	Low-e Pane 2	Gap Width 2 (in.)	Gap Fill 2	Pane Thickness 3 (in.)	Low-e Pane 3	Tint	Spacer	Grid Type	U-Factor (Btu-in/hr-ft <sup>2</sup> -F)	SHGC - No Grids	VT - No Grids	SHGC - Grids < 1"	VT - Grids < 1"	SHGC - Grids > 1"	VT - Grids > 1"
688	3/4 Lite: Default Wood Door Frame, Extreme Door: Injection Lite Frame: E272 / Argon / Clear (3mm/3mm) 9/16" IG	0.117	0.042(#2)	0.313	ARG90	0.118						CL	CU-D	G	0.27			0.12	0.20		
689	3/4 Lite: Default Wood Door Frame, Extreme Door: Injection Lite Frame: E272 / Air / Clear (3mm/3mm) 1" IG	0.117	0.042(#2)	0.750	AIR	0.118						CL	CU-D	N,G	0.27	0.14	0.23	0.12	0.20		
690	3/4 Lite: Default Wood Door Frame, Extreme Door: Injection Lite Frame: E272 / Argon / Clear (3mm/3mm) 1" IG	0.117	0.042(#2)	0.750	ARG90	0.118						CL	CU-D	N,G	0.26	0.14	0.23	0.12	0.20		
691	3/4 Lite: Default Wood Door Frame, Extreme Door: Injection Lite Frame: Lami / Air / Clear (3mm 090PVB 3mm/3mm) 1-7/32" IG	0.324		0.750	AIR	0.118						CL	A1-S	N,G	0.32	0.22	0.25	0.19	0.22		
692	3/4 Lite: Default Wood Door Frame, Extreme Door: Injection Lite Frame: Lami / Air / E272 (3mm 090PVB 3mm/3mm) 1-7/32" IG	0.324		0.750	AIR	0.117	0.042(#3)					CL	CU-D	N,G	0.27	0.15	0.22	0.13	0.19		

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TOTAL PRODUCT CALCULATIONS (Plastpro Fiberglass Door)																					
Option Number	Description	Pane Thickness 1 (in.)	Low-e Pane 1	Gap Width 1 (in.)	Gap Fill 1	Pane Thickness 2 (in.)	Low-e Pane 2	Gap Width 2 (in.)	Gap Fill 2	Pane Thickness 3 (in.)	Low-e Pane 3	Tint	Spacer	Grid Type	U-Factor (Btu-in/hr-ft <sup>2</sup> -F)	SHGC - No Grids	VT - No Grids	SHGC - Grids < 1"	VT - Grids < 1"	SHGC - Grids > 1"	VT - Grids > 1"
693	3/4 Lite: Default Wood Door Frame, Extreme Door: Injection Lite Frame: Lami / Air / ISE81-6 (3mm 090PVB 3mm/3mm) 1-7/32" IG	0.324		0.750	AIR	0.120	0.147(#3)					CL	A1-S	N,G	0.28	0.19	0.22	0.17	0.19		
694	3/4 Lite: Default Wood Door Frame, Extreme Door: Injection Lite Frame: Lami / Air / YEA (3mm 090PVB 3mm/3mm) 1-7/32" IG	0.324		0.750	AIR	0.126	0.162(#3)					CL	A1-S	N,G	0.29	0.20	0.23	0.18	0.20		
695	3/4 Lite: Default Wood Door Frame, Extreme Door: Injection Lite Frame: Lami / Air / Clear (3mm 090PVB 3mm/3mm) BBG 1-7/32" IG	0.324		0.750	AIR	0.118						CL	A1-D	N	0.34	0.19	0.21				
696	3/4 Lite: Default Wood Door Frame, Extreme Door: Injection Lite Frame: Lami / Air / S83 (3mm 090PVB 3mm/3mm) BBG 1-7/32" IG	0.324		0.750	AIR	0.124	0.103(#3)					CL	A1-D	N	0.30	0.17	0.20				

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TOTAL PRODUCT CALCULATIONS (Plastpro Fiberglass Door)																					
Option Number	Description	Pane Thickness 1 (in.)	Low-e Pane 1	Gap Width 1 (in.)	Gap Fill 1	Pane Thickness 2 (in.)	Low-e Pane 2	Gap Width 2 (in.)	Gap Fill 2	Pane Thickness 3 (in.)	Low-e Pane 3	Tint	Spacer	Grid Type	U-Factor (Btu-in/hr-ft <sup>2</sup> -F)	SHGC - No Grids	VT - No Grids	SHGC - Grids < 1"	VT - Grids < 1"	SHGC - Grids > 1"	VT - Grids > 1"
697	3/4 Lite: Default Wood Door Frame, Extreme Door: Impact Lite Frame: Lami / Air / Clear (3mm 090PVB 3mm/3mm) 1-7/32" IG	0.324		0.750	AIR	0.118						CL	A1-S	N,G	0.31	0.22	0.25	0.19	0.22		
698	3/4 Lite: Default Wood Door Frame, Extreme Door: Impact Lite Frame: Lami / Air / ISE81-6 (3mm 090PVB 3mm/3mm) 1-7/32" IG	0.324		0.750	AIR	0.120	0.147(#3)					CL	A1-S	N,G	0.27	0.19	0.22	0.17	0.19		
699	3/4 Lite: Default Wood Door Frame, Extreme Door: Impact Lite Frame: Lami / Air / CS73 (3mm 090PVB 3mm/3mm) 1-7/32" IG	0.324		0.750	AIR	0.123	0.148(#3)					CL	A1-S	N,G	0.27	0.20	0.22	0.18	0.19		
700	3/4 Lite: Default Wood Door Frame, Extreme Door: Impact Lite Frame: Lami / Air / Deco / Air / Clear (3mm 090PVB 3mm/6mm)/3mm 1-7/32" IG	0.324		0.270	AIR	0.225		0.270	AIR	0.123		CL	A1-D	G	0.27			0.17	0.19		

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TOTAL PRODUCT CALCULATIONS (Plastpro Fiberglass Door)																					
Option Number	Description	Pane Thickness 1 (in.)	Low-e Pane 1	Gap Width 1 (in.)	Gap Fill 1	Pane Thickness 2 (in.)	Low-e Pane 2	Gap Width 2 (in.)	Gap Fill 2	Pane Thickness 3 (in.)	Low-e Pane 3	Tint	Spacer	Grid Type	U-Factor (Btu-in/hr-ft <sup>2</sup> -F)	SHGC - No Grids	VT - No Grids	SHGC - Grids < 1"	VT - Grids < 1"	SHGC - Grids > 1"	VT - Grids > 1"
701	3/4 Lite: Default Wood Door Frame, Extreme Door: Impact Lite Frame: Lami / Air / Deco / Air / Clear (3mm 090PVB 3mm/6mm)/3mm 1-7/32" IG	0.324		0.270	AIR	0.225		0.270	AIR	0.123		CL	A5-S	G	0.27			0.17	0.19		
702	3/4 Lite: Default Wood Door Frame, Extreme Door: Impact Lite Frame: Lami / Air / Clear (3mm 090PVB 3mm/3mm) BBG 1-7/32" IG	0.324		0.750	AIR	0.118						CL	A1-D	N	0.32	0.19	0.21				
703	3/4 Lite: Default Wood Door Frame, Extreme Door: Impact Lite Frame: Lami / Air / S83 (3mm 090PVB 3mm/3mm) BBG 1-7/32" IG	0.324		0.750	AIR	0.124	0.103(#3)					CL	A1-D	N	0.28	0.17	0.20				
704	3/4 Lite: Default Wood Door Frame, Extreme Door: Injection Lite Frame: Lami / Air / Clear (3mm 090PVB 3mm/3mm) 1" IG	0.324		0.550	AIR	0.118						CL	CU-D	N,G	0.31	0.22	0.25	0.19	0.22		
705	3/4 Lite: Default Wood Door Frame, Extreme Door: Injection Lite Frame: Lami / Air / E272 (3mm 090PVB 3mm/3mm) 1" IG	0.324		0.550	AIR	0.117	0.042(#3)					CL	CU-D	N,G	0.26	0.15	0.22	0.13	0.19		

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TOTAL PRODUCT CALCULATIONS (Plastpro Fiberglass Door)																					
Option Number	Description	Pane Thickness 1 (in.)	Low-e Pane 1	Gap Width 1 (in.)	Gap Fill 1	Pane Thickness 2 (in.)	Low-e Pane 2	Gap Width 2 (in.)	Gap Fill 2	Pane Thickness 3 (in.)	Low-e Pane 3	Tint	Spacer	Grid Type	U-Factor (Btu-in/hr-ft <sup>2</sup> -F)	SHGC - No Grids	VT - No Grids	SHGC - Grids < 1"	VT - Grids < 1"	SHGC - Grids > 1"	VT - Grids > 1"
706	3/4 Lite: Default Wood Door Frame, Extreme Door: Injection Lite Frame: Lami / Air / YEA (3mm 090PVB 3mm/3mm) 1" IG	0.324		0.550	AIR	0.126	0.162(#3)					CL	A1-S	N,G	0.28	0.20	0.23	0.18	0.20		
707	3/4 Lite: Default Wood Door Frame, Extreme Door: Injection Lite Frame: Lami / Air / ISE81-6 (3mm 090PVB 3mm/3mm) 1" IG	0.324		0.550	AIR	0.120	0.147(#3)					CL	A1-S	N,G	0.28	0.19	0.22	0.17	0.19		
708	3/4 Lite: Default Wood Door Frame, Extreme Door: Injection Lite Frame: Clear / Air / Deco / Air / Clear (3mm/6mm/3mm) 1" IG	0.123		0.270	AIR	0.225		0.270	AIR	0.123		CL	A1-D	G	0.29			0.20	0.20		
709	3/4 Lite: Default Wood Door Frame, Extreme Door: Injection Lite Frame: Clear / Air / Deco / Air / Clear (3mm/6mm/3mm) 1" IG	0.123		0.270	AIR	0.225		0.270	AIR	0.123		CL	A5-S	G	0.29			0.20	0.20		
710	3/4 Lite: Default Wood Door Frame, Extreme Door: Injection Lite Frame: Clear / Air / Clear (3mm/3mm) BBG 1" IG	0.123		0.750	AIR	0.123						CL	A1-D	N	0.35	0.23	0.23				

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TOTAL PRODUCT CALCULATIONS (Plastpro Fiberglass Door)																					
Option Number	Description	Pane Thickness 1 (in.)	Low-e Pane 1	Gap Width 1 (in.)	Gap Fill 1	Pane Thickness 2 (in.)	Low-e Pane 2	Gap Width 2 (in.)	Gap Fill 2	Pane Thickness 3 (in.)	Low-e Pane 3	Tint	Spacer	Grid Type	U-Factor (Btu-in/hr-ft <sup>2</sup> -F)	SHGC - No Grids	VT - No Grids	SHGC - Grids < 1"	VT - Grids < 1"	SHGC - Grids > 1"	VT - Grids > 1"
711	3/4 Lite: Default Wood Door Frame, Extreme Door: Injection Lite Frame: S83 / Air / Clear (3mm 3mm) BBG 1" IG	0.124	0.103(#2)	0.750	AIR	0.123						CL	A1-D	N	0.31	0.17	0.21				
712	Full Lite: Default Wood Door Frame, Extreme Door: CPVC Lite Frame: Clear / Air / Clear (3mm/3mm) 1/2" IG	0.123		0.250	AIR	0.123						CL	A1-S	N	0.38	0.34	0.35				
713	Full Lite: Default Wood Door Frame, Extreme Door: CPVC Lite Frame: Clear / Air / Clear (3mm/3mm) 9/16" IG	0.123		0.313	AIR	0.123						CL	A1-S	G	0.38			0.30	0.30		
714	Full Lite: Default Wood Door Frame, Extreme Door: CPVC Lite Frame: Clear / Air / Clear (3mm/3mm) 9/16" IG	0.123		0.313	AIR	0.123						CL	A1-S	S	0.38					0.26	0.26
715	Full Lite: Default Wood Door Frame, Extreme Door: CPVC Lite Frame: CS73 / Air / Clear (3mm/3mm) 1/2" IG	0.123	0.148(#2)	0.250	AIR	0.123						CL	A1-S	N	0.33	0.28	0.32				



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TOTAL PRODUCT CALCULATIONS (Plastpro Fiberglass Door)																					
Option Number	Description	Pane Thickness 1 (in.)	Low-e Pane 1	Gap Width 1 (in.)	Gap Fill 1	Pane Thickness 2 (in.)	Low-e Pane 2	Gap Width 2 (in.)	Gap Fill 2	Pane Thickness 3 (in.)	Low-e Pane 3	Tint	Spacer	Grid Type	U-Factor (Btu-in/hr-ft <sup>2</sup> -F)	SHGC - No Grids	VT - No Grids	SHGC - Grids < 1"	VT - Grids < 1"	SHGC - Grids > 1"	VT - Grids > 1"
716	Full Lite: Default Wood Door Frame, Extreme Door: CPVC Lite Frame: CS73 / Air / Clear (3mm/3mm) 9/16" IG	0.123	0.148(#2)	0.313	AIR	0.123						CL	A1-S	G	0.33			0.25	0.28		
717	Full Lite: Default Wood Door Frame, Extreme Door: CPVC Lite Frame: CS73 / Air / Clear (3mm/3mm) 9/16" IG	0.123	0.148(#2)	0.313	AIR	0.123						CL	A1-S	S	0.33					0.22	0.24
718	Full Lite: Default Wood Door Frame, Extreme Door: CPVC Lite Frame: Clear / Air / Clear (3mm/3mm) 1" IG	0.123		0.750	AIR	0.123						CL	A1-S	N,G	0.36	0.34	0.35	0.30	0.30		
719	Full Lite: Default Wood Door Frame, Extreme Door: CPVC Lite Frame: Clear / Air / Clear (3mm/3mm) 1" IG	0.123		0.750	AIR	0.123						CL	A1-S	S	0.36					0.26	0.26
720	Full Lite: Default Wood Door Frame, Extreme Door: CPVC Lite Frame: CS73 / Air / Clear (3mm/3mm) 1" IG	0.123	0.148(#2)	0.750	AIR	0.123						CL	A1-S	N,G	0.30	0.28	0.32	0.25	0.28		

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TOTAL PRODUCT CALCULATIONS (Plastpro Fiberglass Door)																					
Option Number	Description	Pane Thickness 1 (in.)	Low-e Pane 1	Gap Width 1 (in.)	Gap Fill 1	Pane Thickness 2 (in.)	Low-e Pane 2	Gap Width 2 (in.)	Gap Fill 2	Pane Thickness 3 (in.)	Low-e Pane 3	Tint	Spacer	Grid Type	U-Factor (Btu-in/hr-ft2-F)	SHGC - No Grids	VT - No Grids	SHGC - Grids < 1"	VT - Grids < 1"	SHGC - Grids > 1"	VT - Grids > 1"
721	Full Lite: Default Wood Door Frame, Extreme Door: CPVC Lite Frame: CS73 / Air / Clear (3mm/3mm) 1" IG	0.123	0.148(#2)	0.750	AIR	0.123						CL	A1-S	S	0.30					0.22	0.24
722	Full Lite: Default Wood Door Frame, Extreme Door: Injection Lite Frame: Clear / Air / Clear (3mm/3mm) 1/2" IG	0.123		0.250	AIR	0.123						CL	CU-D	N	0.39	0.34	0.35				
723	Full Lite: Default Wood Door Frame, Extreme Door: Injection Lite Frame: Clear / Air / Clear (3mm/3mm) 9/16" IG	0.123		0.313	AIR	0.123						CL	CU-D	G	0.39			0.30	0.30		
724	Full Lite: Default Wood Door Frame, Extreme Door: Injection Lite Frame: E272 / Air / Clear (3mm/3mm) 1/2" IG	0.117	0.042(#2)	0.250	AIR	0.118						CL	CU-D	N	0.34	0.19	0.31				
725	Full Lite: Default Wood Door Frame, Extreme Door: Injection Lite Frame: E272 / Air / Clear (3mm/3mm) 9/16" IG	0.117	0.042(#2)	0.313	AIR	0.118						CL	CU-D	G	0.33			0.17	0.27		

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TOTAL PRODUCT CALCULATIONS (Plastpro Fiberglass Door)																					
Option Number	Description	Pane Thickness 1 (in.)	Low-e Pane 1	Gap Width 1 (in.)	Gap Fill 1	Pane Thickness 2 (in.)	Low-e Pane 2	Gap Width 2 (in.)	Gap Fill 2	Pane Thickness 3 (in.)	Low-e Pane 3	Tint	Spacer	Grid Type	U-Factor (Btu-in/hr-ft <sup>2</sup> -F)	SHGC - No Grids	VT - No Grids	SHGC - Grids < 1"	VT - Grids < 1"	SHGC - Grids > 1"	VT - Grids > 1"
726	Full Lite: Default Wood Door Frame, Extreme Door: Injection Lite Frame: E272 / Argon / Clear (3mm/3mm) 1/2" IG	0.117	0.042(#2)	0.250	ARG90	0.118						CL	CU-D	N	0.31	0.19	0.31				
727	Full Lite: Default Wood Door Frame, Extreme Door: Injection Lite Frame: E272 / Argon / Clear (3mm/3mm) 9/16" IG	0.117	0.042(#2)	0.313	ARG90	0.118						CL	CU-D	G	0.30			0.16	0.27		
728	Full Lite: Default Wood Door Frame, Extreme Door: Injection Lite Frame: E272 / Air / Clear (3mm/3mm) 1" IG	0.117	0.042(#2)	0.750	AIR	0.118						CL	CU-D	N,G	0.30	0.18	0.31	0.16	0.27		
729	Full Lite: Default Wood Door Frame, Extreme Door: Injection Lite Frame: E272 / Argon / Clear (3mm/3mm) 1" IG	0.117	0.042(#2)	0.750	ARG90	0.118						CL	CU-D	N,G	0.28	0.18	0.31	0.16	0.27		
730	Full Lite: Default Wood Door Frame, Extreme Door: Injection Lite Frame: Lami / Air / Clear (3mm 090PVB 3mm/3mm) 1- 7/32" IG	0.324		0.750	AIR	0.118						CL	A1-S	N,G	0.37	0.29	0.33	0.26	0.29		

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TOTAL PRODUCT CALCULATIONS (Plastpro Fiberglass Door)																					
Option Number	Description	Pane Thickness 1 (in.)	Low-e Pane 1	Gap Width 1 (in.)	Gap Fill 1	Pane Thickness 2 (in.)	Low-e Pane 2	Gap Width 2 (in.)	Gap Fill 2	Pane Thickness 3 (in.)	Low-e Pane 3	Tint	Spacer	Grid Type	U-Factor (Btu-in/hr-ft <sup>2</sup> -F)	SHGC - No Grids	VT - No Grids	SHGC - Grids < 1"	VT - Grids < 1"	SHGC - Grids > 1"	VT - Grids > 1"
731	Full Lite: Default Wood Door Frame, Extreme Door: Injection Lite Frame: Lami / Air / E272 (3mm 090PVB 3mm/3mm) 1- 7/32" IG	0.324		0.750	AIR	0.117	0.042(#3)					CL	CU-D	N,G	0.29	0.20	0.29	0.18	0.25		
732	Full Lite: Default Wood Door Frame, Extreme Door: Injection Lite Frame: Lami / Air / ISE81-6 (3mm 090PVB 3mm/3mm) 1- 7/32" IG	0.324		0.750	AIR	0.120	0.147(#3)					CL	A1-S	N,G	0.31	0.26	0.30	0.23	0.26		
733	Full Lite: Default Wood Door Frame, Extreme Door: Injection Lite Frame: Lami / Air / YEA (3mm 090PVB 3mm/3mm) 1- 7/32" IG	0.324		0.750	AIR	0.126	0.162(#3)					CL	A1-S	N,G	0.32	0.27	0.31	0.24	0.27		
734	Full Lite: Default Wood Door Frame, Extreme Door: Injection Lite Frame: Lami / Air / Clear (3mm 090PVB 3mm/3mm) BBG 1-7/32" IG	0.324		0.750	AIR	0.118						CL	A1-D	N	0.39	0.26	0.29				

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TOTAL PRODUCT CALCULATIONS (Plastpro Fiberglass Door)																					
Option Number	Description	Pane Thickness 1 (in.)	Low-e Pane 1	Gap Width 1 (in.)	Gap Fill 1	Pane Thickness 2 (in.)	Low-e Pane 2	Gap Width 2 (in.)	Gap Fill 2	Pane Thickness 3 (in.)	Low-e Pane 3	Tint	Spacer	Grid Type	U-Factor (Btu-in/hr-ft <sup>2</sup> -F)	SHGC - No Grids	VT - No Grids	SHGC - Grids < 1"	VT - Grids < 1"	SHGC - Grids > 1"	VT - Grids > 1"
735	Full Lite: Default Wood Door Frame, Extreme Door: Injection Lite Frame: Lami / Air / S83 (3mm 090PVB 3mm/3mm) BBG 1-7/32" IG	0.324		0.750	AIR	0.124	0.103(#3)					CL	A1-D	N	0.33	0.22	0.27				
736	Full Lite: Default Wood Door Frame, Extreme Door: Impact Lite Frame: Lami / Air / Clear (3mm 090PVB 3mm/3mm) 1-7/32" IG	0.324		0.750	AIR	0.118						CL	A1-S	N,G	0.35	0.29	0.33	0.26	0.29		
737	Full Lite: Default Wood Door Frame, Extreme Door: Impact Lite Frame: Lami / Air / ISE81-6 (3mm 090PVB 3mm/3mm) 1-7/32" IG	0.324		0.750	AIR	0.120	0.147(#3)					CL	A1-S	N,G	0.30	0.26	0.30	0.23	0.26		
738	Full Lite: Default Wood Door Frame, Extreme Door: Impact Lite Frame: Lami / Air / CS73 (3mm 090PVB 3mm/3mm) 1-7/32" IG	0.324		0.750	AIR	0.123	0.148(#3)					CL	A1-S	N,G	0.30	0.27	0.30	0.24	0.26		

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TOTAL PRODUCT CALCULATIONS (Plastpro Fiberglass Door)																					
Option Number	Description	Pane Thickness 1 (in.)	Low-e Pane 1	Gap Width 1 (in.)	Gap Fill 1	Pane Thickness 2 (in.)	Low-e Pane 2	Gap Width 2 (in.)	Gap Fill 2	Pane Thickness 3 (in.)	Low-e Pane 3	Tint	Spacer	Grid Type	U-Factor (Btu-in/hr-ft <sup>2</sup> -F)	SHGC - No Grids	VT - No Grids	SHGC - Grids < 1"	VT - Grids < 1"	SHGC - Grids > 1"	VT - Grids > 1"
739	Full Lite: Default Wood Door Frame, Extreme Door: Impact Lite Frame: Lami / Air / Deco / Air / Clear (3mm 090PVB 3mm/6mm)/3mm 1-7/32" IG	0.324		0.270	AIR	0.225		0.270	AIR	0.123		CL	A1-D	G	0.30			0.22	0.26		
740	Full Lite: Default Wood Door Frame, Extreme Door: Impact Lite Frame: Lami / Air / Deco / Air / Clear (3mm 090PVB 3mm/6mm)/3mm 1-7/32" IG	0.324		0.270	AIR	0.225		0.270	AIR	0.123		CL	A5-S	G	0.29			0.22	0.26		
741	Full Lite: Default Wood Door Frame, Extreme Door: Impact Lite Frame: Lami / Air / Clear (3mm 090PVB 3mm/3mm) BBG 1-7/32" IG	0.324		0.750	AIR	0.118						CL	A1-D	N	0.37	0.26	0.29				
742	Full Lite: Default Wood Door Frame, Extreme Door: Impact Lite Frame: Lami / Air / S83 (3mm 090PVB 3mm/3mm) BBG 1-7/32" IG	0.324		0.750	AIR	0.124	0.103(#3)					CL	A1-D	N	0.31	0.22	0.27				

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TOTAL PRODUCT CALCULATIONS (Plastpro Fiberglass Door)																					
Option Number	Description	Pane Thickness 1 (in.)	Low-e Pane 1	Gap Width 1 (in.)	Gap Fill 1	Pane Thickness 2 (in.)	Low-e Pane 2	Gap Width 2 (in.)	Gap Fill 2	Pane Thickness 3 (in.)	Low-e Pane 3	Tint	Spacer	Grid Type	U-Factor (Btu-in/hr-ft2-F)	SHGC - No Grids	VT - No Grids	SHGC - Grids < 1"	VT - Grids < 1"	SHGC - Grids > 1"	VT - Grids > 1"
743	Full Lite: Default Wood Door Frame, Extreme Door: Injection Lite Frame: Lami / Air / Clear (3mm 090PVB 3mm/3mm) 1" IG	0.324		0.550	AIR	0.118						CL	CU-D	N,G	0.36	0.29	0.33	0.26	0.29		
744	Full Lite: Default Wood Door Frame, Extreme Door: Injection Lite Frame: Lami / Air / E272 (3mm 090PVB 3mm/3mm) 1" IG	0.324		0.550	AIR	0.117	0.042(#3)					CL	CU-D	N,G	0.29	0.20	0.29	0.18	0.25		
745	Full Lite: Default Wood Door Frame, Extreme Door: Injection Lite Frame: Lami / Air / YEA (3mm 090PVB 3mm/3mm) 1" IG	0.324		0.550	AIR	0.126	0.162(#3)					CL	A1-S	N,G	0.31	0.27	0.31	0.24	0.27		
746	Full Lite: Default Wood Door Frame, Extreme Door: Injection Lite Frame: Lami / Air / ISE81-6 (3mm 090PVB 3mm/3mm) 1" IG	0.324		0.550	AIR	0.120	0.147(#3)					CL	A1-S	N,G	0.31	0.26	0.30	0.23	0.26		
747	Full Lite: Default Wood Door Frame, Extreme Door: Injection Lite Frame: Clear / Air / Deco / Air / Clear (3mm/6mm/3mm) 1" IG	0.123		0.270	AIR	0.225		0.270	AIR	0.123		CL	A1-D	G	0.32			0.27	0.27		

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TOTAL PRODUCT CALCULATIONS (Plastpro Fiberglass Door)																					
Option Number	Description	Pane Thickness 1 (in.)	Low-e Pane 1	Gap Width 1 (in.)	Gap Fill 1	Pane Thickness 2 (in.)	Low-e Pane 2	Gap Width 2 (in.)	Gap Fill 2	Pane Thickness 3 (in.)	Low-e Pane 3	Tint	Spacer	Grid Type	U-Factor (Btu-in/hr-ft <sup>2</sup> -F)	SHGC - No Grids	VT - No Grids	SHGC - Grids < 1"	VT - Grids < 1"	SHGC - Grids > 1"	VT - Grids > 1"
748	Full Lite: Default Wood Door Frame, Extreme Door: Injection Lite Frame: Clear / Air / Deco / Air / Clear (3mm/6mm/3mm) 1" IG	0.123		0.270	AIR	0.225		0.270	AIR	0.123		CL	A5-S	G	0.32			0.27	0.27		
749	Full Lite: Default Wood Door Frame, Extreme Door: Injection Lite Frame: Clear / Air / Clear (3mm/3mm) BBG 1" IG	0.123		0.750	AIR	0.123						CL	A1-D	N	0.40	0.30	0.31				
750	Full Lite: Default Wood Door Frame, Extreme Door: Injection Lite Frame: S83 / Air / Clear (3mm 3mm) BBG 1" IG	0.124	0.103(#2)	0.750	AIR	0.123						CL	A1-D	N	0.34	0.23	0.29				
751	1/4 Lite: Default Steel Door Frame, Extreme Door: CPVC Lite Frame: Clear / Air / Clear (3mm/3mm) 1/2" IG	0.123		0.250	AIR	0.123						CL	A1-S	N	0.34	0.11	0.10				
752	1/4 Lite: Default Steel Door Frame, Extreme Door: CPVC Lite Frame: Clear / Air / Clear (3mm/3mm) 9/16" IG	0.123		0.313	AIR	0.123						CL	A1-S	G	0.34			0.10	0.09		



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TOTAL PRODUCT CALCULATIONS (Plastpro Fiberglass Door)																					
Option Number	Description	Pane Thickness 1 (in.)	Low-e Pane 1	Gap Width 1 (in.)	Gap Fill 1	Pane Thickness 2 (in.)	Low-e Pane 2	Gap Width 2 (in.)	Gap Fill 2	Pane Thickness 3 (in.)	Low-e Pane 3	Tint	Spacer	Grid Type	U-Factor (Btu-in/hr-ft <sup>2</sup> -F)	SHGC - No Grids	VT - No Grids	SHGC - Grids < 1"	VT - Grids < 1"	SHGC - Grids > 1"	VT - Grids > 1"
753	1/4 Lite: Default Steel Door Frame, Extreme Door: CPVC Lite Frame: Clear / Air / Clear (3mm/3mm) 9/16" IG	0.123		0.313	AIR	0.123						CL	A1-S	S	0.34					0.09	0.08
754	1/4 Lite: Default Steel Door Frame, Extreme Door: CPVC Lite Frame: CS73 / Air / Clear (3mm/3mm) 1/2" IG	0.123	0.148(#2)	0.250	AIR	0.123						CL	A1-S	N	0.33	0.09	0.09				
755	1/4 Lite: Default Steel Door Frame, Extreme Door: CPVC Lite Frame: CS73 / Air / Clear (3mm/3mm) 9/16" IG	0.123	0.148(#2)	0.313	AIR	0.123						CL	A1-S	G	0.32			0.08	0.08		
756	1/4 Lite: Default Steel Door Frame, Extreme Door: CPVC Lite Frame: CS73 / Air / Clear (3mm/3mm) 9/16" IG	0.123	0.148(#2)	0.313	AIR	0.123						CL	A1-S	S	0.32					0.07	0.07
757	1/4 Lite: Default Steel Door Frame, Extreme Door: CPVC Lite Frame: Clear / Air / Clear (3mm/3mm) 1" IG	0.123		0.750	AIR	0.123						CL	A1-S	N,G	0.33	0.11	0.10	0.10	0.09		
758	1/4 Lite: Default Steel Door Frame, Extreme Door: CPVC Lite Frame: Clear / Air / Clear (3mm/3mm) 1" IG	0.123		0.750	AIR	0.123						CL	A1-S	S	0.33					0.09	0.08

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TOTAL PRODUCT CALCULATIONS (Plastpro Fiberglass Door)																					
Option Number	Description	Pane Thickness 1 (in.)	Low-e Pane 1	Gap Width 1 (in.)	Gap Fill 1	Pane Thickness 2 (in.)	Low-e Pane 2	Gap Width 2 (in.)	Gap Fill 2	Pane Thickness 3 (in.)	Low-e Pane 3	Tint	Spacer	Grid Type	U-Factor (Btu-in/hr-ft2-F)	SHGC - No Grids	VT - No Grids	SHGC - Grids < 1"	VT - Grids < 1"	SHGC - Grids > 1"	VT - Grids > 1"
759	1/4 Lite: Default Steel Door Frame, Extreme Door: CPVC Lite Frame: CS73 / Air / Clear (3mm/3mm) 1" IG	0.123	0.148(#2)	0.750	AIR	0.123						CL	A1-S	N,G	0.32	0.09	0.09	0.08	0.08		
760	1/4 Lite: Default Steel Door Frame, Extreme Door: CPVC Lite Frame: CS73 / Air / Clear (3mm/3mm) 1" IG	0.123	0.148(#2)	0.750	AIR	0.123						CL	A1-S	S	0.32					0.07	0.07
761	1/4 Lite: Default Steel Door Frame, Extreme Door: Injection Lite Frame: Clear / Air / Clear (3mm/3mm) 1/2" IG	0.123		0.250	AIR	0.123						CL	CU-D	N	0.35	0.11	0.10				
762	1/4 Lite: Default Steel Door Frame, Extreme Door: Injection Lite Frame: Clear / Air / Clear (3mm/3mm) 9/16" IG	0.123		0.313	AIR	0.123						CL	CU-D	G	0.34			0.10	0.09		
763	1/4 Lite: Default Steel Door Frame, Extreme Door: Injection Lite Frame: E272 / Air / Clear (3mm/3mm) 1/2" IG	0.117	0.042(#2)	0.250	AIR	0.118						CL	CU-D	N	0.33	0.06	0.09				
764	1/4 Lite: Default Steel Door Frame, Extreme Door: Injection Lite Frame: E272 / Air / Clear (3mm/3mm) 9/16" IG	0.117	0.042(#2)	0.313	AIR	0.118						CL	CU-D	G	0.33			0.06	0.08		

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TOTAL PRODUCT CALCULATIONS (Plastpro Fiberglass Door)																					
Option Number	Description	Pane Thickness 1 (in.)	Low-e Pane 1	Gap Width 1 (in.)	Gap Fill 1	Pane Thickness 2 (in.)	Low-e Pane 2	Gap Width 2 (in.)	Gap Fill 2	Pane Thickness 3 (in.)	Low-e Pane 3	Tint	Spacer	Grid Type	U-Factor (Btu-in/hr-ft <sup>2</sup> -F)	SHGC - No Grids	VT - No Grids	SHGC - Grids < 1"	VT - Grids < 1"	SHGC - Grids > 1"	VT - Grids > 1"
765	1/4 Lite: Default Steel Door Frame, Extreme Door: Injection Lite Frame: E272 / Argon / Clear (3mm/3mm) 1/2" IG	0.117	0.042(#2)	0.250	ARG90	0.118						CL	CU-D	N	0.32	0.06	0.09				
766	1/4 Lite: Default Steel Door Frame, Extreme Door: Injection Lite Frame: E272 / Argon / Clear (3mm/3mm) 9/16" IG	0.117	0.042(#2)	0.313	ARG90	0.118						CL	CU-D	G	0.32			0.06	0.08		
767	1/4 Lite: Default Steel Door Frame, Extreme Door: Injection Lite Frame: E272 / Air / Clear (3mm/3mm) 1" IG	0.117	0.042(#2)	0.750	AIR	0.118						CL	CU-D	N,G	0.32	0.06	0.09	0.06	0.08		
768	1/4 Lite: Default Steel Door Frame, Extreme Door: Injection Lite Frame: E272 / Argon / Clear (3mm/3mm) 1" IG	0.117	0.042(#2)	0.750	ARG90	0.118						CL	CU-D	N,G	0.31	0.06	0.09	0.06	0.08		
769	1/4 Lite: Default Steel Door Frame, Extreme Door: Injection Lite Frame: Lami / Air / Clear (3mm 090PVB 3mm/3mm) 1-7/32" IG	0.324		0.750	AIR	0.118						CL	A1-S	N,G	0.34	0.09	0.09	0.08	0.08		

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TOTAL PRODUCT CALCULATIONS (Plastpro Fiberglass Door)																					
Option Number	Description	Pane Thickness 1 (in.)	Low-e Pane 1	Gap Width 1 (in.)	Gap Fill 1	Pane Thickness 2 (in.)	Low-e Pane 2	Gap Width 2 (in.)	Gap Fill 2	Pane Thickness 3 (in.)	Low-e Pane 3	Tint	Spacer	Grid Type	U-Factor (Btu-in/hr-ft <sup>2</sup> -F)	SHGC - No Grids	VT - No Grids	SHGC - Grids < 1"	VT - Grids < 1"	SHGC - Grids > 1"	VT - Grids > 1"
770	1/4 Lite: Default Steel Door Frame, Extreme Door: Injection Lite Frame: Lami / Air / E272 (3mm 090PVB 3mm/3mm) 1-7/32" IG	0.324		0.750	AIR	0.117	0.042(#3)					CL	CU-D	N,G	0.32	0.07	0.08	0.06	0.07		
771	1/4 Lite: Default Steel Door Frame, Extreme Door: Injection Lite Frame: Lami / Air / ISE81-6 (3mm 090PVB 3mm/3mm) 1-7/32" IG	0.324		0.750	AIR	0.120	0.147(#3)					CL	A1-S	N,G	0.32	0.08	0.09	0.08	0.08		
772	1/4 Lite: Default Steel Door Frame, Extreme Door: Injection Lite Frame: Lami / Air / YEA (3mm 090PVB 3mm/3mm) 1-7/32" IG	0.324		0.750	AIR	0.126	0.162(#3)					CL	A1-S	N,G	0.32	0.09	0.09	0.08	0.08		
773	1/4 Lite: Default Steel Door Frame, Extreme Door: Impact Lite Frame: Lami / Air / Clear (3mm 090PVB 3mm/3mm) 1-7/32" IG	0.324		0.750	AIR	0.118						CL	A1-S	N,G	0.33	0.09	0.09	0.08	0.08		

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TOTAL PRODUCT CALCULATIONS (Plastpro Fiberglass Door)																					
Option Number	Description	Pane Thickness 1 (in.)	Low-e Pane 1	Gap Width 1 (in.)	Gap Fill 1	Pane Thickness 2 (in.)	Low-e Pane 2	Gap Width 2 (in.)	Gap Fill 2	Pane Thickness 3 (in.)	Low-e Pane 3	Tint	Spacer	Grid Type	U-Factor (Btu-in/hr-ft <sup>2</sup> -F)	SHGC - No Grids	VT - No Grids	SHGC - Grids < 1"	VT - Grids < 1"	SHGC - Grids > 1"	VT - Grids > 1"
774	1/4 Lite: Default Steel Door Frame, Extreme Door: Impact Lite Frame: Lami / Air / ISE81-6 (3mm 090PVB 3mm/3mm) 1-7/32" IG	0.324		0.750	AIR	0.120	0.147(#3)					CL	A1-S	N,G	0.31	0.08	0.09	0.08	0.08		
775	1/4 Lite: Default Steel Door Frame, Extreme Door: Impact Lite Frame: Lami / Air / CS73 (3mm 090PVB 3mm/3mm) 1-7/32" IG	0.324		0.750	AIR	0.123	0.148(#3)					CL	A1-S	N,G	0.31	0.09	0.09	0.08	0.08		
776	1/4 Lite: Default Steel Door Frame, Extreme Door: Impact Lite Frame: Lami / Air / Deco / Air / Clear (3mm 090PVB 3mm/6mm)/3mm 1-7/32" IG	0.324		0.270	AIR	0.225		0.270	AIR	0.123		CL	A1-D	G	0.31			0.07	0.08		
777	1/4 Lite: Default Steel Door Frame, Extreme Door: Impact Lite Frame: Lami / Air / Deco / Air / Clear (3mm 090PVB 3mm/6mm)/3mm 1-7/32" IG	0.324		0.270	AIR	0.225		0.270	AIR	0.123		CL	A5-S	G	0.31			0.07	0.08		

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Option Number	Description	Pane Thickness 1 (in.)	Low-e Pane 1	Gap Width 1 (in.)	Gap Fill 1	Pane Thickness 2 (in.)	Low-e Pane 2	Gap Width 2 (in.)	Gap Fill 2	Pane Thickness 3 (in.)	Low-e Pane 3	Tint	Spacer	Grid Type	U-Factor (Btu-in/hr-ft <sup>2</sup> -F)	SHGC - No Grids	VT - No Grids	SHGC - Grids < 1"	VT - Grids < 1"	SHGC - Grids > 1"	VT - Grids > 1"
778	1/4 Lite: Default Steel Door Frame, Extreme Door: Injection Lite Frame: Lami / Air / Clear (3mm 090PVB 3mm/3mm) 1" IG	0.324		0.550	AIR	0.118						CL	CU-D	N,G	0.33	0.09	0.09	0.08	0.08		
779	1/4 Lite: Default Steel Door Frame, Extreme Door: Injection Lite Frame: Lami / Air / E272 (3mm 090PVB 3mm/3mm) 1" IG	0.324		0.550	AIR	0.117	0.042(#3)					CL	CU-D	N,G	0.31	0.07	0.08	0.06	0.07		
780	1/4 Lite: Default Steel Door Frame, Extreme Door: Injection Lite Frame: Lami / Air / YEA (3mm 090PVB 3mm/3mm) 1" IG	0.324		0.550	AIR	0.126	0.162(#3)					CL	A1-S	N,G	0.32	0.09	0.09	0.08	0.08		
781	1/4 Lite: Default Steel Door Frame, Extreme Door: Injection Lite Frame: Lami / Air / ISE81-6 (3mm 090PVB 3mm/3mm) 1" IG	0.324		0.550	AIR	0.120	0.147(#3)					CL	A1-S	N,G	0.32	0.08	0.09	0.08	0.08		
782	1/4 Lite: Default Steel Door Frame, Extreme Door: Injection Lite Frame: Clear / Air / Deco / Air / Clear (3mm/6mm/3mm) 1" IG	0.123		0.270	AIR	0.225		0.270	AIR	0.123		CL	A1-D	G	0.33			0.09	0.08		

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TOTAL PRODUCT CALCULATIONS (Plastpro Fiberglass Door)																					
Option Number	Description	Pane Thickness 1 (in.)	Low-e Pane 1	Gap Width 1 (in.)	Gap Fill 1	Pane Thickness 2 (in.)	Low-e Pane 2	Gap Width 2 (in.)	Gap Fill 2	Pane Thickness 3 (in.)	Low-e Pane 3	Tint	Spacer	Grid Type	U-Factor (Btu-in/hr-ft <sup>2</sup> -F)	SHGC - No Grids	VT - No Grids	SHGC - Grids < 1"	VT - Grids < 1"	SHGC - Grids > 1"	VT - Grids > 1"
783	1/4 Lite: Default Steel Door Frame, Extreme Door: Injection Lite Frame: Clear / Air / Deco / Air / Clear (3mm/6mm/3mm) 1" IG	0.123		0.270	AIR	0.225		0.270	AIR	0.123		CL	A5-S	G	0.32			0.09	0.08		
784	1/2 Lite: Default Steel Door Frame, Extreme Door: CPVC Lite Frame: Clear / Air / Clear (3mm/3mm) 1/2" IG	0.123		0.250	AIR	0.123						CL	A1-S	N	0.39	0.20	0.19				
785	1/2 Lite: Default Steel Door Frame, Extreme Door: CPVC Lite Frame: Clear / Air / Clear (3mm/3mm) 9/16" IG	0.123		0.313	AIR	0.123						CL	A1-S	G	0.39			0.17	0.17		
786	1/2 Lite: Default Steel Door Frame, Extreme Door: CPVC Lite Frame: Clear / Air / Clear (3mm/3mm) 9/16" IG	0.123		0.313	AIR	0.123						CL	A1-S	S	0.39					0.15	0.14
787	1/2 Lite: Default Steel Door Frame, Extreme Door: CPVC Lite Frame: CS73 / Air / Clear (3mm/3mm) 1/2" IG	0.123	0.148(#2)	0.250	AIR	0.123						CL	A1-S	N	0.37	0.16	0.18				

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TOTAL PRODUCT CALCULATIONS (Plastpro Fiberglass Door)																					
Option Number	Description	Pane Thickness 1 (in.)	Low-e Pane 1	Gap Width 1 (in.)	Gap Fill 1	Pane Thickness 2 (in.)	Low-e Pane 2	Gap Width 2 (in.)	Gap Fill 2	Pane Thickness 3 (in.)	Low-e Pane 3	Tint	Spacer	Grid Type	U-Factor (Btu-in/hr-ft2-F)	SHGC - No Grids	VT - No Grids	SHGC - Grids < 1"	VT - Grids < 1"	SHGC - Grids > 1"	VT - Grids > 1"
788	1/2 Lite: Default Steel Door Frame, Extreme Door: CPVC Lite Frame: CS73 / Air / Clear (3mm/3mm) 9/16" IG	0.123	0.148(#2)	0.313	AIR	0.123						CL	A1-S	G	0.36			0.15	0.15		
789	1/2 Lite: Default Steel Door Frame, Extreme Door: CPVC Lite Frame: CS73 / Air / Clear (3mm/3mm) 9/16" IG	0.123	0.148(#2)	0.313	AIR	0.123						CL	A1-S	S	0.36					0.13	0.13
790	1/2 Lite: Default Steel Door Frame, Extreme Door: CPVC Lite Frame: Clear / Air / Clear (3mm/3mm) 1" IG	0.123		0.750	AIR	0.123						CL	A1-S	N,G	0.38	0.20	0.19	0.17	0.17		
791	1/2 Lite: Default Steel Door Frame, Extreme Door: CPVC Lite Frame: Clear / Air / Clear (3mm/3mm) 1" IG	0.123		0.750	AIR	0.123						CL	A1-S	S	0.38					0.15	0.14
792	1/2 Lite: Default Steel Door Frame, Extreme Door: CPVC Lite Frame: CS73 / Air / Clear (3mm/3mm) 1" IG	0.123	0.148(#2)	0.750	AIR	0.123						CL	A1-S	N,G	0.35	0.16	0.18	0.14	0.15		
793	1/2 Lite: Default Steel Door Frame, Extreme Door: CPVC Lite Frame: CS73 / Air / Clear (3mm/3mm) 1" IG	0.123	0.148(#2)	0.750	AIR	0.123						CL	A1-S	S	0.35					0.13	0.13



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TOTAL PRODUCT CALCULATIONS (Plastpro Fiberglass Door)																					
Option Number	Description	Pane Thickness 1 (in.)	Low-e Pane 1	Gap Width 1 (in.)	Gap Fill 1	Pane Thickness 2 (in.)	Low-e Pane 2	Gap Width 2 (in.)	Gap Fill 2	Pane Thickness 3 (in.)	Low-e Pane 3	Tint	Spacer	Grid Type	U-Factor (Btu-in/hr-ft2-F)	SHGC - No Grids	VT - No Grids	SHGC - Grids < 1"	VT - Grids < 1"	SHGC - Grids > 1"	VT - Grids > 1"
794	1/2 Lite: Default Steel Door Frame, Extreme Door: Injection Lite Frame: Clear / Air / Clear (3mm/3mm) 1/2" IG	0.123		0.250	AIR	0.123						CL	CU-D	N	0.40	0.20	0.19				
795	1/2 Lite: Default Steel Door Frame, Extreme Door: Injection Lite Frame: Clear / Air / Clear (3mm/3mm) 9/16" IG	0.123		0.313	AIR	0.123						CL	CU-D	G	0.40			0.17	0.17		
796	1/2 Lite: Default Steel Door Frame, Extreme Door: Injection Lite Frame: E272 / Air / Clear (3mm/3mm) 1/2" IG	0.117	0.042(#2)	0.250	AIR	0.118						CL	CU-D	N	0.37	0.11	0.17				
797	1/2 Lite: Default Steel Door Frame, Extreme Door: Injection Lite Frame: E272 / Air / Clear (3mm/3mm) 9/16" IG	0.117	0.042(#2)	0.313	AIR	0.118						CL	CU-D	G	0.36			0.10	0.15		
798	1/2 Lite: Default Steel Door Frame, Extreme Door: Injection Lite Frame: E272 / Argon / Clear (3mm/3mm) 1/2" IG	0.117	0.042(#2)	0.250	ARG90	0.118						CL	CU-D	N	0.35	0.11	0.17				

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**SIMULATION RESULTS**

TOTAL PRODUCT CALCULATIONS (Plastpro Fiberglass Door)																					
Option Number	Description	Pane Thickness 1 (in.)	Low-e Pane 1	Gap Width 1 (in.)	Gap Fill 1	Pane Thickness 2 (in.)	Low-e Pane 2	Gap Width 2 (in.)	Gap Fill 2	Pane Thickness 3 (in.)	Low-e Pane 3	Tint	Spacer	Grid Type	U-Factor (Btu-in/hr-ft <sup>2</sup> -F)	SHGC - No Grids	VT - No Grids	SHGC - Grids < 1"	VT - Grids < 1"	SHGC - Grids > 1"	VT - Grids > 1"
799	1/2 Lite: Default Steel Door Frame, Extreme Door: Injection Lite Frame: E272 / Argon / Clear (3mm/3mm) 9/16" IG	0.117	0.042(#2)	0.313	ARG90	0.118						CL	CU-D	G	0.35			0.10	0.15		
800	1/2 Lite: Default Steel Door Frame, Extreme Door: Injection Lite Frame: E272 / Air / Clear (3mm/3mm) 1" IG	0.117	0.042(#2)	0.750	AIR	0.118						CL	CU-D	N,G	0.34	0.11	0.17	0.10	0.15		
801	1/2 Lite: Default Steel Door Frame, Extreme Door: Injection Lite Frame: E272 / Argon / Clear (3mm/3mm) 1" IG	0.117	0.042(#2)	0.750	ARG90	0.118						CL	CU-D	N,G	0.33	0.11	0.17	0.10	0.15		
802	1/2 Lite: Default Steel Door Frame, Extreme Door: Injection Lite Frame: Lami / Air / Clear (3mm 090PVB 3mm/3mm) 1-7/32" IG	0.324		0.750	AIR	0.118						CL	A1-S	N,G	0.39	0.17	0.18	0.15	0.16		
803	1/2 Lite: Default Steel Door Frame, Extreme Door: Injection Lite Frame: Lami / Air / E272 (3mm 090PVB 3mm/3mm) 1-7/32" IG	0.324		0.750	AIR	0.117	0.042(#3)					CL	CU-D	N,G	0.34	0.12	0.16	0.11	0.14		

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SIMULATION RESULTS**

TOTAL PRODUCT CALCULATIONS (Plastpro Fiberglass Door)																					
Option Number	Description	Pane Thickness 1 (in.)	Low-e Pane 1	Gap Width 1 (in.)	Gap Fill 1	Pane Thickness 2 (in.)	Low-e Pane 2	Gap Width 2 (in.)	Gap Fill 2	Pane Thickness 3 (in.)	Low-e Pane 3	Tint	Spacer	Grid Type	U-Factor (Btu-in/hr-ft <sup>2</sup> -F)	SHGC - No Grids	VT - No Grids	SHGC - Grids < 1"	VT - Grids < 1"	SHGC - Grids > 1"	VT - Grids > 1"
804	1/2 Lite: Default Steel Door Frame, Extreme Door: Injection Lite Frame: Lami / Air / ISE81-6 (3mm 090PVB 3mm/3mm) 1-7/32" IG	0.324		0.750	AIR	0.120	0.147(#3)					CL	A1-S	N,G	0.36	0.15	0.17	0.13	0.15		
805	1/2 Lite: Default Steel Door Frame, Extreme Door: Injection Lite Frame: Lami / Air / YEA (3mm 090PVB 3mm/3mm) 1-7/32" IG	0.324		0.750	AIR	0.126	0.162(#3)					CL	A1-S	N,G	0.36	0.16	0.17	0.14	0.15		
806	1/2 Lite: Default Steel Door Frame, Extreme Door: Injection Lite Frame: Lami / Air / Clear (3mm 090PVB 3mm/3mm) BBG 1-7/32" IG	0.324		0.750	AIR	0.118						CL	A1-D	N	0.40	0.15	0.16				
807	1/2 Lite: Default Steel Door Frame, Extreme Door: Injection Lite Frame: Lami / Air / S83 (3mm 090PVB 3mm/3mm) BBG 1-7/32" IG	0.324		0.750	AIR	0.124	0.103(#3)					CL	A1-D	N	0.37	0.13	0.15				

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TOTAL PRODUCT CALCULATIONS (Plastpro Fiberglass Door)																					
Option Number	Description	Pane Thickness 1 (in.)	Low-e Pane 1	Gap Width 1 (in.)	Gap Fill 1	Pane Thickness 2 (in.)	Low-e Pane 2	Gap Width 2 (in.)	Gap Fill 2	Pane Thickness 3 (in.)	Low-e Pane 3	Tint	Spacer	Grid Type	U-Factor (Btu-in/hr-ft <sup>2</sup> -F)	SHGC - No Grids	VT - No Grids	SHGC - Grids < 1"	VT - Grids < 1"	SHGC - Grids > 1"	VT - Grids > 1"
808	1/2 Lite: Default Steel Door Frame, Extreme Door: Impact Lite Frame: Lami / Air / Clear (3mm 090PVB 3mm/3mm) 1-7/32" IG	0.324		0.750	AIR	0.118						CL	A1-S	N,G	0.37	0.17	0.18	0.15	0.16		
809	1/2 Lite: Default Steel Door Frame, Extreme Door: Impact Lite Frame: Lami / Air / ISE81-6 (3mm 090PVB 3mm/3mm) 1-7/32" IG	0.324		0.750	AIR	0.120	0.147(#3)					CL	A1-S	N,G	0.34	0.15	0.17	0.13	0.15		
810	1/2 Lite: Default Steel Door Frame, Extreme Door: Impact Lite Frame: Lami / Air / CS73 (3mm 090PVB 3mm/3mm) 1-7/32" IG	0.324		0.750	AIR	0.123	0.148(#3)					CL	A1-S	N,G	0.34	0.16	0.17	0.14	0.14		
811	1/2 Lite: Default Steel Door Frame, Extreme Door: Impact Lite Frame: Lami / Air / Deco / Air / Clear (3mm 090PVB 3mm/6mm)/3mm 1-7/32" IG	0.324		0.270	AIR	0.225		0.270	AIR	0.123		CL	A1-D	G	0.34			0.13	0.14		

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TOTAL PRODUCT CALCULATIONS (Plastpro Fiberglass Door)																					
Option Number	Description	Pane Thickness 1 (in.)	Low-e Pane 1	Gap Width 1 (in.)	Gap Fill 1	Pane Thickness 2 (in.)	Low-e Pane 2	Gap Width 2 (in.)	Gap Fill 2	Pane Thickness 3 (in.)	Low-e Pane 3	Tint	Spacer	Grid Type	U-Factor (Btu-in/hr-ft <sup>2</sup> -F)	SHGC - No Grids	VT - No Grids	SHGC - Grids < 1"	VT - Grids < 1"	SHGC - Grids > 1"	VT - Grids > 1"
812	1/2 Lite: Default Steel Door Frame, Extreme Door: Impact Lite Frame: Lami / Air / Deco / Air / Clear (3mm 090PVB 3mm/6mm)/3mm 1-7/32" IG	0.324		0.270	AIR	0.225		0.270	AIR	0.123		CL	A5-S	G	0.34			0.13	0.14		
813	1/2 Lite: Default Steel Door Frame, Extreme Door: Impact Lite Frame: Lami / Air / Clear (3mm 090PVB 3mm/3mm) BBG 1-7/32" IG	0.324		0.750	AIR	0.118						CL	A1-D	N	0.39	0.15	0.16				
814	1/2 Lite: Default Steel Door Frame, Extreme Door: Impact Lite Frame: Lami / Air / S83 (3mm 090PVB 3mm/3mm) BBG 1-7/32" IG	0.324		0.750	AIR	0.124	0.103(#3)					CL	A1-D	N	0.36	0.13	0.15				
815	1/2 Lite: Default Steel Door Frame, Extreme Door: Injection Lite Frame: Lami / Air / Clear (3mm 090PVB 3mm/3mm) 1" IG	0.324		0.550	AIR	0.118						CL	CU-D	N,G	0.38	0.17	0.18	0.15	0.16		
816	1/2 Lite: Default Steel Door Frame, Extreme Door: Injection Lite Frame: Lami / Air / E272 (3mm 090PVB 3mm/3mm) 1" IG	0.324		0.550	AIR	0.117	0.042(#3)					CL	CU-D	N,G	0.34	0.12	0.16	0.11	0.14		

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TOTAL PRODUCT CALCULATIONS (Plastpro Fiberglass Door)																					
Option Number	Description	Pane Thickness 1 (in.)	Low-e Pane 1	Gap Width 1 (in.)	Gap Fill 1	Pane Thickness 2 (in.)	Low-e Pane 2	Gap Width 2 (in.)	Gap Fill 2	Pane Thickness 3 (in.)	Low-e Pane 3	Tint	Spacer	Grid Type	U-Factor (Btu-in/hr-ft <sup>2</sup> -F)	SHGC - No Grids	VT - No Grids	SHGC - Grids < 1"	VT - Grids < 1"	SHGC - Grids > 1"	VT - Grids > 1"
817	1/2 Lite: Default Steel Door Frame, Extreme Door: Injection Lite Frame: Lami / Air / YEA (3mm 090PVB 3mm/3mm) 1" IG	0.324		0.550	AIR	0.126	0.162(#3)					CL	A1-S	N,G	0.35	0.16	0.17	0.14	0.15		
818	1/2 Lite: Default Steel Door Frame, Extreme Door: Injection Lite Frame: Lami / Air / ISE81-6 (3mm 090PVB 3mm/3mm) 1" IG	0.324		0.550	AIR	0.120	0.147(#3)					CL	A1-S	N,G	0.35	0.15	0.17	0.13	0.15		
819	1/2 Lite: Default Steel Door Frame, Extreme Door: Injection Lite Frame: Clear / Air / Deco / Air / Clear (3mm/6mm/3mm) 1" IG	0.123		0.270	AIR	0.225		0.270	AIR	0.123		CL	A1-D	G	0.36			0.15	0.15		
820	1/2 Lite: Default Steel Door Frame, Extreme Door: Injection Lite Frame: Clear / Air / Deco / Air / Clear (3mm/6mm/3mm) 1" IG	0.123		0.270	AIR	0.225		0.270	AIR	0.123		CL	A5-S	G	0.36			0.15	0.15		
821	1/2 Lite: Default Steel Door Frame, Extreme Door: Injection Lite Frame: Clear / Air / Clear (3mm/3mm) BBG 1" IG	0.123		0.750	AIR	0.123						CL	A1-D	N	0.41	0.17	0.17				

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TOTAL PRODUCT CALCULATIONS (Plastpro Fiberglass Door)																					
Option Number	Description	Pane Thickness 1 (in.)	Low-e Pane 1	Gap Width 1 (in.)	Gap Fill 1	Pane Thickness 2 (in.)	Low-e Pane 2	Gap Width 2 (in.)	Gap Fill 2	Pane Thickness 3 (in.)	Low-e Pane 3	Tint	Spacer	Grid Type	U-Factor (Btu-in/hr-ft <sup>2</sup> -F)	SHGC - No Grids	VT - No Grids	SHGC - Grids < 1"	VT - Grids < 1"	SHGC - Grids > 1"	VT - Grids > 1"
822	1/2 Lite: Default Steel Door Frame, Extreme Door: Injection Lite Frame: S83 / Air / Clear (3mm 3mm) BBG 1" IG	0.124	0.103(#2)	0.750	AIR	0.123						CL	A1-D	N	0.37	0.13	0.16				
823	3/4 Lite: Default Steel Door Frame, Extreme Door: CPVC Lite Frame: Clear / Air / Clear (3mm/3mm) 1/2" IG	0.123		0.250	AIR	0.123						CL	A1-S	N	0.43	0.26	0.26				
824	3/4 Lite: Default Steel Door Frame, Extreme Door: CPVC Lite Frame: Clear / Air / Clear (3mm/3mm) 9/16" IG	0.123		0.313	AIR	0.123						CL	A1-S	G	0.42			0.23	0.23		
825	3/4 Lite: Default Steel Door Frame, Extreme Door: CPVC Lite Frame: Clear / Air / Clear (3mm/3mm) 9/16" IG	0.123		0.313	AIR	0.123						CL	A1-S	S	0.42					0.20	0.19
826	3/4 Lite: Default Steel Door Frame, Extreme Door: CPVC Lite Frame: CS73 / Air / Clear (3mm/3mm) 1/2" IG	0.123	0.148(#2)	0.250	AIR	0.123						CL	A1-S	N	0.39	0.22	0.24				

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TOTAL PRODUCT CALCULATIONS (Plastpro Fiberglass Door)																					
Option Number	Description	Pane Thickness 1 (in.)	Low-e Pane 1	Gap Width 1 (in.)	Gap Fill 1	Pane Thickness 2 (in.)	Low-e Pane 2	Gap Width 2 (in.)	Gap Fill 2	Pane Thickness 3 (in.)	Low-e Pane 3	Tint	Spacer	Grid Type	U-Factor (Btu-in/hr-ft <sup>2</sup> -F)	SHGC - No Grids	VT - No Grids	SHGC - Grids < 1"	VT - Grids < 1"	SHGC - Grids > 1"	VT - Grids > 1"
827	3/4 Lite: Default Steel Door Frame, Extreme Door: CPVC Lite Frame: CS73 / Air / Clear (3mm/3mm) 9/16" IG	0.123	0.148(#2)	0.313	AIR	0.123						CL	A1-S	G	0.39			0.19	0.20		
828	3/4 Lite: Default Steel Door Frame, Extreme Door: CPVC Lite Frame: CS73 / Air / Clear (3mm/3mm) 9/16" IG	0.123	0.148(#2)	0.313	AIR	0.123						CL	A1-S	S	0.39					0.17	0.18
829	3/4 Lite: Default Steel Door Frame, Extreme Door: CPVC Lite Frame: Clear / Air / Clear (3mm/3mm) 1" IG	0.123		0.750	AIR	0.123						CL	A1-S	N,G	0.41	0.26	0.26	0.23	0.23		
830	3/4 Lite: Default Steel Door Frame, Extreme Door: CPVC Lite Frame: Clear / Air / Clear (3mm/3mm) 1" IG	0.123		0.750	AIR	0.123						CL	A1-S	S	0.41					0.20	0.19
831	3/4 Lite: Default Steel Door Frame, Extreme Door: CPVC Lite Frame: CS73 / Air / Clear (3mm/3mm) 1" IG	0.123	0.148(#2)	0.750	AIR	0.123						CL	A1-S	N,G	0.37	0.22	0.24	0.19	0.20		
832	3/4 Lite: Default Steel Door Frame, Extreme Door: CPVC Lite Frame: CS73 / Air / Clear (3mm/3mm) 1" IG	0.123	0.148(#2)	0.750	AIR	0.123						CL	A1-S	S	0.37					0.17	0.18



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TOTAL PRODUCT CALCULATIONS (Plastpro Fiberglass Door)																					
Option Number	Description	Pane Thickness 1 (in.)	Low-e Pane 1	Gap Width 1 (in.)	Gap Fill 1	Pane Thickness 2 (in.)	Low-e Pane 2	Gap Width 2 (in.)	Gap Fill 2	Pane Thickness 3 (in.)	Low-e Pane 3	Tint	Spacer	Grid Type	U-Factor (Btu-in/hr-ft <sup>2</sup> -F)	SHGC - No Grids	VT - No Grids	SHGC - Grids < 1"	VT - Grids < 1"	SHGC - Grids > 1"	VT - Grids > 1"
833	3/4 Lite: Default Steel Door Frame, Extreme Door: Injection Lite Frame: Clear / Air / Clear (3mm/3mm) 1/2" IG	0.123		0.250	AIR	0.123						CL	CU-D	N	0.44	0.26	0.26				
834	3/4 Lite: Default Steel Door Frame, Extreme Door: Injection Lite Frame: Clear / Air / Clear (3mm/3mm) 9/16" IG	0.123		0.313	AIR	0.123						CL	CU-D	G	0.43			0.23	0.23		
835	3/4 Lite: Default Steel Door Frame, Extreme Door: Injection Lite Frame: E272 / Air / Clear (3mm/3mm) 1/2" IG	0.117	0.042(#2)	0.250	AIR	0.118						CL	CU-D	N	0.39	0.15	0.23				
836	3/4 Lite: Default Steel Door Frame, Extreme Door: Injection Lite Frame: E272 / Air / Clear (3mm/3mm) 9/16" IG	0.117	0.042(#2)	0.313	AIR	0.118						CL	CU-D	G	0.39			0.13	0.20		
837	3/4 Lite: Default Steel Door Frame, Extreme Door: Injection Lite Frame: E272 / Argon / Clear (3mm/3mm) 1/2" IG	0.117	0.042(#2)	0.250	ARG90	0.118						CL	CU-D	N	0.37	0.14	0.23				

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Option Number	Description	Pane Thickness 1 (in.)	Low-e Pane 1	Gap Width 1 (in.)	Gap Fill 1	Pane Thickness 2 (in.)	Low-e Pane 2	Gap Width 2 (in.)	Gap Fill 2	Pane Thickness 3 (in.)	Low-e Pane 3	Tint	Spacer	Grid Type	U-Factor (Btu-in/hr-ft <sup>2</sup> -F)	SHGC - No Grids	VT - No Grids	SHGC - Grids < 1"	VT - Grids < 1"	SHGC - Grids > 1"	VT - Grids > 1"
838	3/4 Lite: Default Steel Door Frame, Extreme Door: Injection Lite Frame: E272 / Argon / Clear (3mm/3mm) 9/16" IG	0.117	0.042(#2)	0.313	ARG90	0.118						CL	CU-D	G	0.37			0.13	0.20		
839	3/4 Lite: Default Steel Door Frame, Extreme Door: Injection Lite Frame: E272 / Air / Clear (3mm/3mm) 1" IG	0.117	0.042(#2)	0.750	AIR	0.118						CL	CU-D	N,G	0.36	0.14	0.23	0.13	0.20		
840	3/4 Lite: Default Steel Door Frame, Extreme Door: Injection Lite Frame: E272 / Argon / Clear (3mm/3mm) 1" IG	0.117	0.042(#2)	0.750	ARG90	0.118						CL	CU-D	N,G	0.35	0.14	0.23	0.13	0.20		
841	3/4 Lite: Default Steel Door Frame, Extreme Door: Injection Lite Frame: Lami / Air / Clear (3mm 090PVB 3mm/3mm) 1-7/32" IG	0.324		0.750	AIR	0.118						CL	A1-S	N,G	0.42	0.22	0.25	0.20	0.22		
842	3/4 Lite: Default Steel Door Frame, Extreme Door: Injection Lite Frame: Lami / Air / E272 (3mm 090PVB 3mm/3mm) 1-7/32" IG	0.324		0.750	AIR	0.117	0.042(#3)					CL	CU-D	N,G	0.36	0.16	0.22	0.14	0.19		

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TOTAL PRODUCT CALCULATIONS (Plastpro Fiberglass Door)																					
Option Number	Description	Pane Thickness 1 (in.)	Low-e Pane 1	Gap Width 1 (in.)	Gap Fill 1	Pane Thickness 2 (in.)	Low-e Pane 2	Gap Width 2 (in.)	Gap Fill 2	Pane Thickness 3 (in.)	Low-e Pane 3	Tint	Spacer	Grid Type	U-Factor (Btu-in/hr-ft2-F)	SHGC - No Grids	VT - No Grids	SHGC - Grids < 1"	VT - Grids < 1"	SHGC - Grids > 1"	VT - Grids > 1"
843	3/4 Lite: Default Steel Door Frame, Extreme Door: Injection Lite Frame: Lami / Air / ISE81-6 (3mm 090PVB 3mm/3mm) 1-7/32" IG	0.324		0.750	AIR	0.120	0.147(#3)					CL	A1-S	N,G	0.38	0.20	0.22	0.17	0.19		
844	3/4 Lite: Default Steel Door Frame, Extreme Door: Injection Lite Frame: Lami / Air / YEA (3mm 090PVB 3mm/3mm) 1-7/32" IG	0.324		0.750	AIR	0.126	0.162(#3)					CL	A1-S	N,G	0.38	0.21	0.23	0.18	0.20		
845	3/4 Lite: Default Steel Door Frame, Extreme Door: Injection Lite Frame: Lami / Air / Clear (3mm 090PVB 3mm/3mm) BBG 1-7/32" IG	0.324		0.750	AIR	0.118						CL	A1-D	N	0.43	0.20	0.21				
846	3/4 Lite: Default Steel Door Frame, Extreme Door: Injection Lite Frame: Lami / Air / S83 (3mm 090PVB 3mm/3mm) BBG 1-7/32" IG	0.324		0.750	AIR	0.124	0.103(#3)					CL	A1-D	N	0.39	0.17	0.20				

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TOTAL PRODUCT CALCULATIONS (Plastpro Fiberglass Door)																					
Option Number	Description	Pane Thickness 1 (in.)	Low-e Pane 1	Gap Width 1 (in.)	Gap Fill 1	Pane Thickness 2 (in.)	Low-e Pane 2	Gap Width 2 (in.)	Gap Fill 2	Pane Thickness 3 (in.)	Low-e Pane 3	Tint	Spacer	Grid Type	U-Factor (Btu-in/hr-ft <sup>2</sup> -F)	SHGC - No Grids	VT - No Grids	SHGC - Grids < 1"	VT - Grids < 1"	SHGC - Grids > 1"	VT - Grids > 1"
847	3/4 Lite: Default Steel Door Frame, Extreme Door: Impact Lite Frame: Lami / Air / Clear (3mm 090PVB 3mm/3mm) 1-7/32" IG	0.324		0.750	AIR	0.118						CL	A1-S	N,G	0.40	0.22	0.25	0.20	0.22		
848	3/4 Lite: Default Steel Door Frame, Extreme Door: Impact Lite Frame: Lami / Air / ISE81-6 (3mm 090PVB 3mm/3mm) 1-7/32" IG	0.324		0.750	AIR	0.120	0.147(#3)					CL	A1-S	N,G	0.36	0.20	0.22	0.17	0.19		
849	3/4 Lite: Default Steel Door Frame, Extreme Door: Impact Lite Frame: Lami / Air / CS73 (3mm 090PVB 3mm/3mm) 1-7/32" IG	0.324		0.750	AIR	0.123	0.148(#3)					CL	A1-S	N,G	0.36	0.21	0.22	0.18	0.19		
850	3/4 Lite: Default Steel Door Frame, Extreme Door: Impact Lite Frame: Lami / Air / Deco / Air / Clear (3mm 090PVB 3mm/6mm)/3mm 1-7/32" IG	0.324		0.270	AIR	0.225		0.270	AIR	0.123		CL	A1-D	G	0.37			0.17	0.19		

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SIMULATION RESULTS**

TOTAL PRODUCT CALCULATIONS (Plastpro Fiberglass Door)																					
Option Number	Description	Pane Thickness 1 (in.)	Low-e Pane 1	Gap Width 1 (in.)	Gap Fill 1	Pane Thickness 2 (in.)	Low-e Pane 2	Gap Width 2 (in.)	Gap Fill 2	Pane Thickness 3 (in.)	Low-e Pane 3	Tint	Spacer	Grid Type	U-Factor (Btu-in/hr-ft <sup>2</sup> -F)	SHGC - No Grids	VT - No Grids	SHGC - Grids < 1"	VT - Grids < 1"	SHGC - Grids > 1"	VT - Grids > 1"
851	3/4 Lite: Default Steel Door Frame, Extreme Door: Impact Lite Frame: Lami / Air / Deco / Air / Clear (3mm 090PVB 3mm/6mm)/3mm 1-7/32" IG	0.324		0.270	AIR	0.225		0.270	AIR	0.123		CL	A5-S	G	0.36			0.17	0.19		
852	3/4 Lite: Default Steel Door Frame, Extreme Door: Impact Lite Frame: Lami / Air / Clear (3mm 090PVB 3mm/3mm) BBG 1-7/32" IG	0.324		0.750	AIR	0.118						CL	A1-D	N	0.42	0.20	0.21				
853	3/4 Lite: Default Steel Door Frame, Extreme Door: Impact Lite Frame: Lami / Air / S83 (3mm 090PVB 3mm/3mm) BBG 1-7/32" IG	0.324		0.750	AIR	0.124	0.103(#3)					CL	A1-D	N	0.38	0.17	0.20				
854	3/4 Lite: Default Steel Door Frame, Extreme Door: Injection Lite Frame: Lami / Air / Clear (3mm 090PVB 3mm/3mm) 1" IG	0.324		0.550	AIR	0.118						CL	CU-D	N,G	0.41	0.22	0.25	0.20	0.22		
855	3/4 Lite: Default Steel Door Frame, Extreme Door: Injection Lite Frame: Lami / Air / E272 (3mm 090PVB 3mm/3mm) 1" IG	0.324		0.550	AIR	0.117	0.042(#3)					CL	CU-D	N,G	0.36	0.16	0.22	0.14	0.19		

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**SIMULATION RESULTS**

TOTAL PRODUCT CALCULATIONS (Plastpro Fiberglass Door)																					
Option Number	Description	Pane Thickness 1 (in.)	Low-e Pane 1	Gap Width 1 (in.)	Gap Fill 1	Pane Thickness 2 (in.)	Low-e Pane 2	Gap Width 2 (in.)	Gap Fill 2	Pane Thickness 3 (in.)	Low-e Pane 3	Tint	Spacer	Grid Type	U-Factor (Btu-in/hr-ft <sup>2</sup> -F)	SHGC - No Grids	VT - No Grids	SHGC - Grids < 1"	VT - Grids < 1"	SHGC - Grids > 1"	VT - Grids > 1"
856	3/4 Lite: Default Steel Door Frame, Extreme Door: Injection Lite Frame: Lami / Air / YEA (3mm 090PVB 3mm/3mm) 1" IG	0.324		0.550	AIR	0.126	0.162(#3)					CL	A1-S	N,G	0.38	0.21	0.23	0.18	0.20		
857	3/4 Lite: Default Steel Door Frame, Extreme Door: Injection Lite Frame: Lami / Air / ISE81-6 (3mm 090PVB 3mm/3mm) 1" IG	0.324		0.550	AIR	0.120	0.147(#3)					CL	A1-S	N,G	0.37	0.20	0.22	0.17	0.19		
858	3/4 Lite: Default Steel Door Frame, Extreme Door: Injection Lite Frame: Clear / Air / Deco / Air / Clear (3mm/6mm/3mm) 1" IG	0.123		0.270	AIR	0.225		0.270	AIR	0.123		CL	A1-D	G	0.38			0.20	0.20		
859	3/4 Lite: Default Steel Door Frame, Extreme Door: Injection Lite Frame: Clear / Air / Deco / Air / Clear (3mm/6mm/3mm) 1" IG	0.123		0.270	AIR	0.225		0.270	AIR	0.123		CL	A5-S	G	0.38			0.20	0.20		
860	3/4 Lite: Default Steel Door Frame, Extreme Door: Injection Lite Frame: Clear / Air / Clear (3mm/3mm) BBG 1" IG	0.123		0.750	AIR	0.123						CL	A1-D	N	0.44	0.23	0.23				

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TOTAL PRODUCT CALCULATIONS (Plastpro Fiberglass Door)																					
Option Number	Description	Pane Thickness 1 (in.)	Low-e Pane 1	Gap Width 1 (in.)	Gap Fill 1	Pane Thickness 2 (in.)	Low-e Pane 2	Gap Width 2 (in.)	Gap Fill 2	Pane Thickness 3 (in.)	Low-e Pane 3	Tint	Spacer	Grid Type	U-Factor (Btu-in/hr-ft <sup>2</sup> -F)	SHGC - No Grids	VT - No Grids	SHGC - Grids < 1"	VT - Grids < 1"	SHGC - Grids > 1"	VT - Grids > 1"
861	3/4 Lite: Default Steel Door Frame, Extreme Door: Injection Lite Frame: S83 / Air / Clear (3mm 3mm) BBG 1" IG	0.124	0.103(#2)	0.750	AIR	0.123						CL	A1-D	N	0.40	0.17	0.21				
862	Full Lite: Default Steel Door Frame, Extreme Door: CPVC Lite Frame: Clear / Air / Clear (3mm/3mm) 1/2" IG	0.123		0.250	AIR	0.123						CL	A1-S	N	0.47	0.34	0.35				
863	Full Lite: Default Steel Door Frame, Extreme Door: CPVC Lite Frame: Clear / Air / Clear (3mm/3mm) 9/16" IG	0.123		0.313	AIR	0.123						CL	A1-S	G	0.47			0.30	0.30		
864	Full Lite: Default Steel Door Frame, Extreme Door: CPVC Lite Frame: Clear / Air / Clear (3mm/3mm) 9/16" IG	0.123		0.313	AIR	0.123						CL	A1-S	S	0.47					0.27	0.26
865	Full Lite: Default Steel Door Frame, Extreme Door: CPVC Lite Frame: CS73 / Air / Clear (3mm/3mm) 1/2" IG	0.123	0.148(#2)	0.250	AIR	0.123						CL	A1-S	N	0.43	0.29	0.32				

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TOTAL PRODUCT CALCULATIONS (Plastpro Fiberglass Door)																					
Option Number	Description	Pane Thickness 1 (in.)	Low-e Pane 1	Gap Width 1 (in.)	Gap Fill 1	Pane Thickness 2 (in.)	Low-e Pane 2	Gap Width 2 (in.)	Gap Fill 2	Pane Thickness 3 (in.)	Low-e Pane 3	Tint	Spacer	Grid Type	U-Factor (Btu-in/hr-ft <sup>2</sup> -F)	SHGC - No Grids	VT - No Grids	SHGC - Grids < 1"	VT - Grids < 1"	SHGC - Grids > 1"	VT - Grids > 1"
866	Full Lite: Default Steel Door Frame, Extreme Door: CPVC Lite Frame: CS73 / Air / Clear (3mm/3mm) 9/16" IG	0.123	0.148(#2)	0.313	AIR	0.123						CL	A1-S	G	0.42			0.25	0.28		
867	Full Lite: Default Steel Door Frame, Extreme Door: CPVC Lite Frame: CS73 / Air / Clear (3mm/3mm) 9/16" IG	0.123	0.148(#2)	0.313	AIR	0.123						CL	A1-S	S	0.42					0.22	0.24
868	Full Lite: Default Steel Door Frame, Extreme Door: CPVC Lite Frame: Clear / Air / Clear (3mm/3mm) 1" IG	0.123		0.750	AIR	0.123						CL	A1-S	N,G	0.45	0.34	0.35	0.30	0.30		
869	Full Lite: Default Steel Door Frame, Extreme Door: CPVC Lite Frame: Clear / Air / Clear (3mm/3mm) 1" IG	0.123		0.750	AIR	0.123						CL	A1-S	S	0.45					0.27	0.26
870	Full Lite: Default Steel Door Frame, Extreme Door: CPVC Lite Frame: CS73 / Air / Clear (3mm/3mm) 1" IG	0.123	0.148(#2)	0.750	AIR	0.123						CL	A1-S	N,G	0.40	0.28	0.32	0.25	0.28		
871	Full Lite: Default Steel Door Frame, Extreme Door: CPVC Lite Frame: CS73 / Air / Clear (3mm/3mm) 1" IG	0.123	0.148(#2)	0.750	AIR	0.123						CL	A1-S	S	0.40					0.22	0.24



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TOTAL PRODUCT CALCULATIONS (Plastpro Fiberglass Door)																					
Option Number	Description	Pane Thickness 1 (in.)	Low-e Pane 1	Gap Width 1 (in.)	Gap Fill 1	Pane Thickness 2 (in.)	Low-e Pane 2	Gap Width 2 (in.)	Gap Fill 2	Pane Thickness 3 (in.)	Low-e Pane 3	Tint	Spacer	Grid Type	U-Factor (Btu-in/hr-ft <sup>2</sup> -F)	SHGC - No Grids	VT - No Grids	SHGC - Grids < 1"	VT - Grids < 1"	SHGC - Grids > 1"	VT - Grids > 1"
872	Full Lite: Default Steel Door Frame, Extreme Door: Injection Lite Frame: Clear / Air / Clear (3mm/3mm) 1/2" IG	0.123		0.250	AIR	0.123						CL	CU-D	N	0.49	0.34	0.35				
873	Full Lite: Default Steel Door Frame, Extreme Door: Injection Lite Frame: Clear / Air / Clear (3mm/3mm) 9/16" IG	0.123		0.313	AIR	0.123						CL	CU-D	G	0.48			0.30	0.30		
874	Full Lite: Default Steel Door Frame, Extreme Door: Injection Lite Frame: E272 / Air / Clear (3mm/3mm) 1/2" IG	0.117	0.042(#2)	0.250	AIR	0.118						CL	CU-D	N	0.43	0.19	0.31				
875	Full Lite: Default Steel Door Frame, Extreme Door: Injection Lite Frame: E272 / Air / Clear (3mm/3mm) 9/16" IG	0.117	0.042(#2)	0.313	AIR	0.118						CL	CU-D	G	0.42			0.17	0.27		
876	Full Lite: Default Steel Door Frame, Extreme Door: Injection Lite Frame: E272 / Argon / Clear (3mm/3mm) 1/2" IG	0.117	0.042(#2)	0.250	ARG90	0.118						CL	CU-D	N	0.40	0.19	0.31				

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TOTAL PRODUCT CALCULATIONS (Plastpro Fiberglass Door)																					
Option Number	Description	Pane Thickness 1 (in.)	Low-e Pane 1	Gap Width 1 (in.)	Gap Fill 1	Pane Thickness 2 (in.)	Low-e Pane 2	Gap Width 2 (in.)	Gap Fill 2	Pane Thickness 3 (in.)	Low-e Pane 3	Tint	Spacer	Grid Type	U-Factor (Btu-in/hr-ft2-F)	SHGC - No Grids	VT - No Grids	SHGC - Grids < 1"	VT - Grids < 1"	SHGC - Grids > 1"	VT - Grids > 1"
877	Full Lite: Default Steel Door Frame, Extreme Door: Injection Lite Frame: E272 / Argon / Clear (3mm/3mm) 9/16" IG	0.117	0.042(#2)	0.313	ARG90	0.118						CL	CU-D	G	0.40			0.17	0.27		
878	Full Lite: Default Steel Door Frame, Extreme Door: Injection Lite Frame: E272 / Air / Clear (3mm/3mm) 1" IG	0.117	0.042(#2)	0.750	AIR	0.118						CL	CU-D	N,G	0.39	0.19	0.31	0.17	0.27		
879	Full Lite: Default Steel Door Frame, Extreme Door: Injection Lite Frame: E272 / Argon / Clear (3mm/3mm) 1" IG	0.117	0.042(#2)	0.750	ARG90	0.118						CL	CU-D	N,G	0.37	0.19	0.31	0.16	0.27		
880	Full Lite: Default Steel Door Frame, Extreme Door: Injection Lite Frame: Lami / Air / Clear (3mm 090PVB 3mm/3mm) 1- 7/32" IG	0.324		0.750	AIR	0.118						CL	A1-S	N,G	0.46	0.29	0.33	0.26	0.29		
881	Full Lite: Default Steel Door Frame, Extreme Door: Injection Lite Frame: Lami / Air / E272 (3mm 090PVB 3mm/3mm) 1- 7/32" IG	0.324		0.750	AIR	0.117	0.042(#3)					CL	CU-D	N,G	0.38	0.20	0.29	0.18	0.25		

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TOTAL PRODUCT CALCULATIONS (Plastpro Fiberglass Door)																					
Option Number	Description	Pane Thickness 1 (in.)	Low-e Pane 1	Gap Width 1 (in.)	Gap Fill 1	Pane Thickness 2 (in.)	Low-e Pane 2	Gap Width 2 (in.)	Gap Fill 2	Pane Thickness 3 (in.)	Low-e Pane 3	Tint	Spacer	Grid Type	U-Factor (Btu-in/hr-ft <sup>2</sup> -F)	SHGC - No Grids	VT - No Grids	SHGC - Grids < 1"	VT - Grids < 1"	SHGC - Grids > 1"	VT - Grids > 1"
882	Full Lite: Default Steel Door Frame, Extreme Door: Injection Lite Frame: Lami / Air / ISE81-6 (3mm 090PVB 3mm/3mm) 1-7/32" IG	0.324		0.750	AIR	0.120	0.147(#3)					CL	A1-S	N,G	0.41	0.26	0.30	0.23	0.26		
883	Full Lite: Default Steel Door Frame, Extreme Door: Injection Lite Frame: Lami / Air / YEA (3mm 090PVB 3mm/3mm) 1-7/32" IG	0.324		0.750	AIR	0.126	0.162(#3)					CL	A1-S	N,G	0.41	0.27	0.31	0.24	0.27		
884	Full Lite: Default Steel Door Frame, Extreme Door: Injection Lite Frame: Lami / Air / Clear (3mm 090PVB 3mm/3mm) BBG 1-7/32" IG	0.324		0.750	AIR	0.118						CL	A1-D	N	0.48	0.26	0.29				
885	Full Lite: Default Steel Door Frame, Extreme Door: Injection Lite Frame: Lami / Air / S83 (3mm 090PVB 3mm/3mm) BBG 1-7/32" IG	0.324		0.750	AIR	0.124	0.103(#3)					CL	A1-D	N	0.43	0.23	0.27				

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TOTAL PRODUCT CALCULATIONS (Plastpro Fiberglass Door)																					
Option Number	Description	Pane Thickness 1 (in.)	Low-e Pane 1	Gap Width 1 (in.)	Gap Fill 1	Pane Thickness 2 (in.)	Low-e Pane 2	Gap Width 2 (in.)	Gap Fill 2	Pane Thickness 3 (in.)	Low-e Pane 3	Tint	Spacer	Grid Type	U-Factor (Btu-in/hr-ft2-F)	SHGC - No Grids	VT - No Grids	SHGC - Grids < 1"	VT - Grids < 1"	SHGC - Grids > 1"	VT - Grids > 1"
886	Full Lite: Default Steel Door Frame, Extreme Door: Impact Lite Frame: Lami / Air / Clear (3mm 090PVB 3mm/3mm) 1-7/32" IG	0.324		0.750	AIR	0.118						CL	A1-S	N,G	0.44	0.29	0.33	0.26	0.29		
887	Full Lite: Default Steel Door Frame, Extreme Door: Impact Lite Frame: Lami / Air / ISE81-6 (3mm 090PVB 3mm/3mm) 1-7/32" IG	0.324		0.750	AIR	0.120	0.147(#3)					CL	A1-S	N,G	0.39	0.26	0.30	0.23	0.26		
888	Full Lite: Default Steel Door Frame, Extreme Door: Impact Lite Frame: Lami / Air / CS73 (3mm 090PVB 3mm/3mm) 1-7/32" IG	0.324		0.750	AIR	0.123	0.148(#3)					CL	A1-S	N,G	0.39	0.27	0.30	0.24	0.26		
889	Full Lite: Default Steel Door Frame, Extreme Door: Impact Lite Frame: Lami / Air / Deco / Air / Clear (3mm 090PVB 3mm/6mm)/3mm 1-7/32" IG	0.324		0.270	AIR	0.225		0.270	AIR	0.123		CL	A1-D	G	0.39			0.23	0.26		

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TOTAL PRODUCT CALCULATIONS (Plastpro Fiberglass Door)																					
Option Number	Description	Pane Thickness 1 (in.)	Low-e Pane 1	Gap Width 1 (in.)	Gap Fill 1	Pane Thickness 2 (in.)	Low-e Pane 2	Gap Width 2 (in.)	Gap Fill 2	Pane Thickness 3 (in.)	Low-e Pane 3	Tint	Spacer	Grid Type	U-Factor (Btu-in/hr-ft <sup>2</sup> -F)	SHGC - No Grids	VT - No Grids	SHGC - Grids < 1"	VT - Grids < 1"	SHGC - Grids > 1"	VT - Grids > 1"
890	Full Lite: Default Steel Door Frame, Extreme Door: Impact Lite Frame: Lami / Air / Deco / Air / Clear (3mm 090PVB 3mm/6mm)/3mm 1-7/32" IG	0.324		0.270	AIR	0.225		0.270	AIR	0.123		CL	A5-S	G	0.39			0.23	0.26		
891	Full Lite: Default Steel Door Frame, Extreme Door: Impact Lite Frame: Lami / Air / Clear (3mm 090PVB 3mm/3mm) BBG 1-7/32" IG	0.324		0.750	AIR	0.118						CL	A1-D	N	0.46	0.26	0.29				
892	Full Lite: Default Steel Door Frame, Extreme Door: Impact Lite Frame: Lami / Air / S83 (3mm 090PVB 3mm/3mm) BBG 1-7/32" IG	0.324		0.750	AIR	0.124	0.103(#3)					CL	A1-D	N	0.41	0.23	0.27				
893	Full Lite: Default Steel Door Frame, Extreme Door: Injection Lite Frame: Lami / Air / Clear (3mm 090PVB 3mm/3mm) 1" IG	0.324		0.550	AIR	0.118						CL	CU-D	N,G	0.45	0.29	0.33	0.26	0.29		
894	Full Lite: Default Steel Door Frame, Extreme Door: Injection Lite Frame: Lami / Air / E272 (3mm 090PVB 3mm/3mm) 1" IG	0.324		0.550	AIR	0.117	0.042(#3)					CL	CU-D	N,G	0.38	0.20	0.29	0.18	0.25		

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TOTAL PRODUCT CALCULATIONS (Plastpro Fiberglass Door)																					
Option Number	Description	Pane Thickness 1 (in.)	Low-e Pane 1	Gap Width 1 (in.)	Gap Fill 1	Pane Thickness 2 (in.)	Low-e Pane 2	Gap Width 2 (in.)	Gap Fill 2	Pane Thickness 3 (in.)	Low-e Pane 3	Tint	Spacer	Grid Type	U-Factor (Btu-in/hr-ft <sup>2</sup> -F)	SHGC - No Grids	VT - No Grids	SHGC - Grids < 1"	VT - Grids < 1"	SHGC - Grids > 1"	VT - Grids > 1"
895	Full Lite: Default Steel Door Frame, Extreme Door: Injection Lite Frame: Lami / Air / YEA (3mm 090PVB 3mm/3mm) 1" IG	0.324		0.550	AIR	0.126	0.162(#3)					CL	A1-S	N,G	0.41	0.27	0.31	0.24	0.27		
896	Full Lite: Default Steel Door Frame, Extreme Door: Injection Lite Frame: Lami / Air / ISE81-6 (3mm 090PVB 3mm/3mm) 1" IG	0.324		0.550	AIR	0.120	0.147(#3)					CL	A1-S	N,G	0.40	0.26	0.30	0.23	0.26		
897	Full Lite: Default Steel Door Frame, Extreme Door: Injection Lite Frame: Clear / Air / Deco / Air / Clear (3mm/6mm/3mm) 1" IG	0.123		0.270	AIR	0.225		0.270	AIR	0.123		CL	A1-D	G	0.42			0.27	0.27		
898	Full Lite: Default Steel Door Frame, Extreme Door: Injection Lite Frame: Clear / Air / Deco / Air / Clear (3mm/6mm/3mm) 1" IG	0.123		0.270	AIR	0.225		0.270	AIR	0.123		CL	A5-S	G	0.41			0.27	0.27		
899	Full Lite: Default Steel Door Frame, Extreme Door: Injection Lite Frame: Clear / Air / Clear (3mm/3mm) BBG 1" IG	0.123		0.750	AIR	0.123						CL	A1-D	N	0.49	0.31	0.31				

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**SECTION 6**

**SIMULATION RESULTS**

TOTAL PRODUCT CALCULATIONS (Plastpro Fiberglass Door)																					
Option Number	Description	Pane Thickness 1 (in.)	Low-e Pane 1	Gap Width 1 (in.)	Gap Fill 1	Pane Thickness 2 (in.)	Low-e Pane 2	Gap Width 2 (in.)	Gap Fill 2	Pane Thickness 3 (in.)	Low-e Pane 3	Tint	Spacer	Grid Type	U-Factor (Btu-in/hr-ft2-F)	SHGC - No Grids	VT - No Grids	SHGC - Grids < 1"	VT - Grids < 1"	SHGC - Grids > 1"	VT - Grids > 1"
900	Full Lite: Default Steel Door Frame, Extreme Door: Injection Lite Frame: S83 / Air / Clear (3mm 3mm) BBG 1" IG	0.124	0.103(#2)	0.750	AIR	0.123						CL	A1-D	N	0.44	0.23	0.29				
901	1/4 Lite: CPVC Door Frame, Standard Door: Impact Lite Frame: Gray Lami / Air / CS73 (3mm 090PVB 3mm/3mm) 1-7/32" IG	0.336		0.750	AIR	0.123	0.148(#3)					GY	A1-S	N	0.20	0.07	0.06				
902	1/4 Lite: CPVC Door Frame, Standard Door: Impact Lite Frame: Lami / Air / E272 (3mm 090PVB 3mm/3mm) 1-7/32" IG	0.336		0.750	AIR	0.117	0.042(#3)					CL	CU-D	N	0.19	0.06	0.08				
903	1/4 Lite: CPVC Door Frame, Standard Door: Impact Lite Frame: Gray Lami / Air / E272 (3mm 090PVB 3mm/3mm) 1-7/32" IG	0.336		0.750	AIR	0.117	0.042(#3)					GY	CU-D	N	0.19	0.05	0.06				
904	1/4 Lite: CPVC Door Frame, Standard Door: Impact Lite Frame: Lami / Air / E366 (3mm 090PVB 3mm/3mm) 1-7/32" IG	0.336		0.750	AIR	0.118	0.02(#3)					CL	CU-D	N	0.19	0.05	0.08				

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**SIMULATION RESULTS**

TOTAL PRODUCT CALCULATIONS (Plastpro Fiberglass Door)																					
Option Number	Description	Pane Thickness 1 (in.)	Low-e Pane 1	Gap Width 1 (in.)	Gap Fill 1	Pane Thickness 2 (in.)	Low-e Pane 2	Gap Width 2 (in.)	Gap Fill 2	Pane Thickness 3 (in.)	Low-e Pane 3	Tint	Spacer	Grid Type	U-Factor (Btu-in/hr-ft <sup>2</sup> -F)	SHGC - No Grids	VT - No Grids	SHGC - Grids < 1"	VT - Grids < 1"	SHGC - Grids > 1"	VT - Grids > 1"
905	1/4 Lite: CPVC Door Frame, Standard Door: Injection Lite Frame: Lami / Air / E366 (3mm 090PVB 3mm/3mm) 1" IG	0.336		0.550	AIR	0.118	0.02(#3)					CL	CU-D	N	0.20	0.05	0.08				
906	1/2 Lite: CPVC Door Frame, Standard Door: Impact Lite Frame: Lami / Air / CL184 (3mm 090PVB 3mm/3mm) BBG 1-7/32" IG	0.336		0.750	AIR	0.124	0.121(#3)					CL	A1-D	N	0.24	0.13	0.15				
907	1/2 Lite: CPVC Door Frame, Standard Door: Impact Lite Frame: Gray Lami / Air / CL184 (3mm 090PVB 3mm/3mm) BBG 1-7/32" IG	0.336		0.750	AIR	0.124	0.121(#3)					GY	A1-D	N	0.24	0.10	0.10				
908	1/2 Lite: CPVC Door Frame, Standard Door: Impact Lite Frame: Gray Lami / Air / S83 (3mm 090PVB 3mm/3mm) BBG 1-7/32" IG	0.336		0.750	AIR	0.124	0.103(#3)					GY	A1-D	N	0.24	0.10	0.10				
909	1/2 Lite: CPVC Door Frame, Standard Door: Impact Lite Frame: Gray Lami / Air / CS73 (3mm 090PVB 3mm/3mm) 1-7/32" IG	0.336		0.750	AIR	0.123	0.148(#3)					GY	A1-S	N	0.23	0.12	0.12				



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**SIMULATION RESULTS**

TOTAL PRODUCT CALCULATIONS (Plastpro Fiberglass Door)																					
Option Number	Description	Pane Thickness 1 (in.)	Low-e Pane 1	Gap Width 1 (in.)	Gap Fill 1	Pane Thickness 2 (in.)	Low-e Pane 2	Gap Width 2 (in.)	Gap Fill 2	Pane Thickness 3 (in.)	Low-e Pane 3	Tint	Spacer	Grid Type	U-Factor (Btu-in/hr-ft <sup>2</sup> -F)	SHGC - No Grids	VT - No Grids	SHGC - Grids < 1"	VT - Grids < 1"	SHGC - Grids > 1"	VT - Grids > 1"
910	1/2 Lite: CPVC Door Frame, Standard Door: Impact Lite Frame: Lami / Air / E272 (3mm 090PVB 3mm/3mm) 1-7/32" IG	0.336		0.750	AIR	0.117	0.042(#3)					CL	CU-D	N	0.21	0.12	0.17				
911	1/2 Lite: CPVC Door Frame, Standard Door: Impact Lite Frame: Gray Lami / Air / E272 (3mm 090PVB 3mm/3mm) 1-7/32" IG	0.336		0.750	AIR	0.117	0.042(#3)					GY	CU-D	N	0.21	0.09	0.11				
912	1/2 Lite: CPVC Door Frame, Standard Door: Impact Lite Frame: Lami / Air / E366 (3mm 090PVB 3mm/3mm) 1-7/32" IG	0.336		0.750	AIR	0.118	0.02(#3)					CL	CU-D	N	0.21	0.09	0.15				
913	1/2 Lite: CPVC Door Frame, Standard Door: Injection Lite Frame: CL184 / Air / Clear (3mm/3mm) BBG 1" IG	0.124	0.121(#2)	0.750	AIR	0.123						CL	A1-D	N	0.26	0.13	0.15				
914	1/2 Lite: CPVC Door Frame, Standard Door: Injection Lite Frame: Lami / Air / E366 (3mm 090PVB 3mm/3mm) 1" IG	0.336		0.550	AIR	0.118	0.02(#3)					CL	CU-D	N	0.22	0.09	0.15				

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**SIMULATION RESULTS**

TOTAL PRODUCT CALCULATIONS (Plastpro Fiberglass Door)																					
Option Number	Description	Pane Thickness 1 (in.)	Low-e Pane 1	Gap Width 1 (in.)	Gap Fill 1	Pane Thickness 2 (in.)	Low-e Pane 2	Gap Width 2 (in.)	Gap Fill 2	Pane Thickness 3 (in.)	Low-e Pane 3	Tint	Spacer	Grid Type	U-Factor (Btu-in/hr-ft <sup>2</sup> -F)	SHGC - No Grids	VT - No Grids	SHGC - Grids < 1"	VT - Grids < 1"	SHGC - Grids > 1"	VT - Grids > 1"
915	3/4 Lite: CPVC Door Frame, Standard Door: Impact Lite Frame: Lami / Air / CL184 (3mm 090PVB 3mm/3mm) BBG 1-7/32" IG	0.336		0.750	AIR	0.124	0.121(#3)					CL	A1-D	N	0.26	0.17	0.20				
916	3/4 Lite: CPVC Door Frame, Standard Door: Impact Lite Frame: Gray Lami / Air / CL184 (3mm 090PVB 3mm/3mm) BBG 1-7/32" IG	0.336		0.750	AIR	0.124	0.121(#3)					GY	A1-D	N	0.26	0.13	0.14				
917	3/4 Lite: CPVC Door Frame, Standard Door: Impact Lite Frame: Gray Lami / Air / S83 (3mm 090PVB 3mm/3mm) BBG 1-7/32" IG	0.336		0.750	AIR	0.124	0.103(#3)					GY	A1-D	N	0.25	0.13	0.14				
918	3/4 Lite: CPVC Door Frame, Standard Door: Impact Lite Frame: Gray Lami / Air / CS73 (3mm 090PVB 3mm/3mm) 1-7/32" IG	0.336		0.750	AIR	0.123	0.148(#3)					GY	A1-S	N	0.25	0.16	0.16				
919	3/4 Lite: CPVC Door Frame, Standard Door: Impact Lite Frame: Lami / Air / E272 (3mm 090PVB 3mm/3mm) 1-7/32" IG	0.336		0.750	AIR	0.117	0.042(#3)					CL	CU-D	N	0.23	0.16	0.22				

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**SIMULATION RESULTS**

TOTAL PRODUCT CALCULATIONS (Plastpro Fiberglass Door)																					
Option Number	Description	Pane Thickness 1 (in.)	Low-e Pane 1	Gap Width 1 (in.)	Gap Fill 1	Pane Thickness 2 (in.)	Low-e Pane 2	Gap Width 2 (in.)	Gap Fill 2	Pane Thickness 3 (in.)	Low-e Pane 3	Tint	Spacer	Grid Type	U-Factor (Btu-in/hr-ft <sup>2</sup> -F)	SHGC - No Grids	VT - No Grids	SHGC - Grids < 1"	VT - Grids < 1"	SHGC - Grids > 1"	VT - Grids > 1"
920	3/4 Lite: CPVC Door Frame, Standard Door: Impact Lite Frame: Gray Lami / Air / E272 (3mm 090PVB 3mm/3mm) 1-7/32" IG	0.336		0.750	AIR	0.117	0.042(#3)					GY	CU-D	N	0.23	0.12	0.15				
921	3/4 Lite: CPVC Door Frame, Standard Door: Impact Lite Frame: Lami / Air / E366 (3mm 090PVB 3mm/3mm) 1-7/32" IG	0.336		0.750	AIR	0.118	0.02(#3)					CL	CU-D	N	0.23	0.12	0.20				
922	3/4 Lite: CPVC Door Frame, Standard Door: Injection Lite Frame: CL184 / Air / Clear (3mm/3mm) BBG 1" IG	0.124	0.121(#2)	0.750	AIR	0.123						CL	A1-D	N	0.29	0.17	0.21				
923	3/4 Lite: CPVC Door Frame, Standard Door: Injection Lite Frame: Lami / Air / E366 (3mm 090PVB 3mm/3mm) 1" IG	0.336		0.550	AIR	0.118	0.02(#3)					CL	CU-D	N	0.24	0.12	0.20				
924	Full Lite: CPVC Door Frame, Standard Door: Impact Lite Frame: Lami / Air / CL184 (3mm 090PVB 3mm/3mm) BBG 1-7/32" IG	0.336		0.750	AIR	0.124	0.121(#3)					CL	A1-D	N	0.29	0.23	0.28				

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TOTAL PRODUCT CALCULATIONS (Plastpro Fiberglass Door)																					
Option Number	Description	Pane Thickness 1 (in.)	Low-e Pane 1	Gap Width 1 (in.)	Gap Fill 1	Pane Thickness 2 (in.)	Low-e Pane 2	Gap Width 2 (in.)	Gap Fill 2	Pane Thickness 3 (in.)	Low-e Pane 3	Tint	Spacer	Grid Type	U-Factor (Btu-in/hr-ft <sup>2</sup> -F)	SHGC - No Grids	VT - No Grids	SHGC - Grids < 1"	VT - Grids < 1"	SHGC - Grids > 1"	VT - Grids > 1"
925	Full Lite: CPVC Door Frame, Standard Door: Impact Lite Frame: Gray Lami / Air / CL184 (3mm 090PVB 3mm/3mm) BBG 1-7/32" IG	0.336		0.750	AIR	0.124	0.121(#3)					GY	A1-D	N	0.29	0.18	0.19				
926	Full Lite: CPVC Door Frame, Standard Door: Impact Lite Frame: Gray Lami / Air / S83 (3mm 090PVB 3mm/3mm) BBG 1-7/32" IG	0.336		0.750	AIR	0.124	0.103(#3)					GY	A1-D	N	0.29	0.18	0.19				
927	Full Lite: CPVC Door Frame, Standard Door: Impact Lite Frame: Gray Lami / Air / CS73 (3mm 090PVB 3mm/3mm) 1-7/32" IG	0.336		0.750	AIR	0.123	0.148(#3)					GY	A1-S	N	0.27	0.21	0.21				
928	Full Lite: CPVC Door Frame, Standard Door: Impact Lite Frame: Lami / Air / E272 (3mm 090PVB 3mm/3mm) 1-7/32" IG	0.336		0.750	AIR	0.117	0.042(#3)					CL	CU-D	N	0.25	0.21	0.30				

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TOTAL PRODUCT CALCULATIONS (Plastpro Fiberglass Door)																					
Option Number	Description	Pane Thickness 1 (in.)	Low-e Pane 1	Gap Width 1 (in.)	Gap Fill 1	Pane Thickness 2 (in.)	Low-e Pane 2	Gap Width 2 (in.)	Gap Fill 2	Pane Thickness 3 (in.)	Low-e Pane 3	Tint	Spacer	Grid Type	U-Factor (Btu-in/hr-ft <sup>2</sup> -F)	SHGC - No Grids	VT - No Grids	SHGC - Grids < 1"	VT - Grids < 1"	SHGC - Grids > 1"	VT - Grids > 1"
929	Full Lite: CPVC Door Frame, Standard Door: Impact Lite Frame: Gray Lami / Air / E272 (3mm 090PVB 3mm/3mm) 1-7/32" IG	0.336		0.750	AIR	0.117	0.042(#3)					GY	CU-D	N	0.25	0.16	0.20				
930	Full Lite: CPVC Door Frame, Standard Door: Impact Lite Frame: Lami / Air / E366 (3mm 090PVB 3mm/3mm) 1-7/32" IG	0.336		0.750	AIR	0.118	0.02(#3)					CL	CU-D	N	0.25	0.16	0.27				
931	Full Lite: CPVC Door Frame, Standard Door: Injection Lite Frame: CL184 / Air / Clear (3mm/3mm) BBG 1" IG	0.124	0.121(#2)	0.750	AIR	0.123						CL	A1-D	N	0.32	0.23	0.28				
932	Full Lite: CPVC Door Frame, Standard Door: Injection Lite Frame: Lami / Air / E366 (3mm 090PVB 3mm/3mm) 1" IG	0.336		0.550	AIR	0.118	0.02(#3)					CL	CU-D	N	0.26	0.16	0.27				
933	1/4 Lite: Default Wood Door Frame, Standard Door: Impact Lite Frame: Gray Lami / Air / CS73 (3mm 090PVB 3mm/3mm) 1-7/32" IG	0.336		0.750	AIR	0.123	0.148(#3)					GY	A1-S	N	0.20	0.07	0.06				

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TOTAL PRODUCT CALCULATIONS (Plastpro Fiberglass Door)																					
Option Number	Description	Pane Thickness 1 (in.)	Low-e Pane 1	Gap Width 1 (in.)	Gap Fill 1	Pane Thickness 2 (in.)	Low-e Pane 2	Gap Width 2 (in.)	Gap Fill 2	Pane Thickness 3 (in.)	Low-e Pane 3	Tint	Spacer	Grid Type	U-Factor (Btu-in/hr-ft2-F)	SHGC - No Grids	VT - No Grids	SHGC - Grids < 1"	VT - Grids < 1"	SHGC - Grids > 1"	VT - Grids > 1"
934	1/4 Lite: Default Wood Door Frame, Standard Door: Impact Lite Frame: Lami / Air / E272 (3mm 090PVB 3mm/3mm) 1-7/32" IG	0.336		0.750	AIR	0.117	0.042(#3)					CL	CU-D	N	0.20	0.06	0.08				
935	1/4 Lite: Default Wood Door Frame, Standard Door: Impact Lite Frame: Gray Lami / Air / E272 (3mm 090PVB 3mm/3mm) 1-7/32" IG	0.336		0.750	AIR	0.117	0.042(#3)					GY	CU-D	N	0.20	0.05	0.06				
936	1/4 Lite: Default Wood Door Frame, Standard Door: Impact Lite Frame: Lami / Air / E366 (3mm 090PVB 3mm/3mm) 1-7/32" IG	0.336		0.750	AIR	0.118	0.02(#3)					CL	CU-D	N	0.19	0.05	0.08				
937	1/4 Lite: Default Wood Door Frame, Standard Door: Injection Lite Frame: Lami / Air / E366 (3mm 090PVB 3mm/3mm) 1" IG	0.336		0.550	AIR	0.118	0.02(#3)					CL	CU-D	N	0.20	0.05	0.08				

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TOTAL PRODUCT CALCULATIONS (Plastpro Fiberglass Door)																					
Option Number	Description	Pane Thickness 1 (in.)	Low-e Pane 1	Gap Width 1 (in.)	Gap Fill 1	Pane Thickness 2 (in.)	Low-e Pane 2	Gap Width 2 (in.)	Gap Fill 2	Pane Thickness 3 (in.)	Low-e Pane 3	Tint	Spacer	Grid Type	U-Factor (Btu-in/hr-ft <sup>2</sup> -F)	SHGC - No Grids	VT - No Grids	SHGC - Grids < 1"	VT - Grids < 1"	SHGC - Grids > 1"	VT - Grids > 1"
938	1/2 Lite: Default Wood Door Frame, Standard Door: Impact Lite Frame: Lami / Air / CL184 (3mm 090PVB 3mm/3mm) BBG 1-7/32" IG	0.336		0.750	AIR	0.124	0.121(#3)					CL	A1-D	N	0.24	0.13	0.15				
939	1/2 Lite: Default Wood Door Frame, Standard Door: Impact Lite Frame: Gray Lami / Air / CL184 (3mm 090PVB 3mm/3mm) BBG 1-7/32" IG	0.336		0.750	AIR	0.124	0.121(#3)					GY	A1-D	N	0.24	0.10	0.10				
940	1/2 Lite: Default Wood Door Frame, Standard Door: Impact Lite Frame: Gray Lami / Air / S83 (3mm 090PVB 3mm/3mm) BBG 1-7/32" IG	0.336		0.750	AIR	0.124	0.103(#3)					GY	A1-D	N	0.24	0.10	0.10				
941	1/2 Lite: Default Wood Door Frame, Standard Door: Impact Lite Frame: Gray Lami / Air / CS73 (3mm 090PVB 3mm/3mm) 1-7/32" IG	0.336		0.750	AIR	0.123	0.148(#3)					GY	A1-S	N	0.23	0.12	0.12				

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TOTAL PRODUCT CALCULATIONS (Plastpro Fiberglass Door)																					
Option Number	Description	Pane Thickness 1 (in.)	Low-e Pane 1	Gap Width 1 (in.)	Gap Fill 1	Pane Thickness 2 (in.)	Low-e Pane 2	Gap Width 2 (in.)	Gap Fill 2	Pane Thickness 3 (in.)	Low-e Pane 3	Tint	Spacer	Grid Type	U-Factor (Btu-in/hr-ft <sup>2</sup> -F)	SHGC - No Grids	VT - No Grids	SHGC - Grids < 1"	VT - Grids < 1"	SHGC - Grids > 1"	VT - Grids > 1"
942	1/2 Lite: Default Wood Door Frame, Standard Door: Impact Lite Frame: Lami / Air / E272 (3mm 090PVB 3mm/3mm) 1-7/32" IG	0.336		0.750	AIR	0.117	0.042(#3)					CL	CU-D	N	0.22	0.12	0.17				
943	1/2 Lite: Default Wood Door Frame, Standard Door: Impact Lite Frame: Gray Lami / Air / E272 (3mm 090PVB 3mm/3mm) 1-7/32" IG	0.336		0.750	AIR	0.117	0.042(#3)					GY	CU-D	N	0.22	0.09	0.11				
944	1/2 Lite: Default Wood Door Frame, Standard Door: Impact Lite Frame: Lami / Air / E366 (3mm 090PVB 3mm/3mm) 1-7/32" IG	0.336		0.750	AIR	0.118	0.02(#3)					CL	CU-D	N	0.22	0.09	0.15				
945	1/2 Lite: Default Wood Door Frame, Standard Door: Injection Lite Frame: CL184 / Air / Clear (3mm/3mm) BBG 1" IG	0.124	0.121(#2)	0.750	AIR	0.123						CL	A1-D	N	0.26	0.13	0.15				
946	1/2 Lite: Default Wood Door Frame, Standard Door: Injection Lite Frame: Lami / Air / E366 (3mm 090PVB 3mm/3mm) 1" IG	0.336		0.550	AIR	0.118	0.02(#3)					CL	CU-D	N	0.23	0.09	0.15				



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TOTAL PRODUCT CALCULATIONS (Plastpro Fiberglass Door)																					
Option Number	Description	Pane Thickness 1 (in.)	Low-e Pane 1	Gap Width 1 (in.)	Gap Fill 1	Pane Thickness 2 (in.)	Low-e Pane 2	Gap Width 2 (in.)	Gap Fill 2	Pane Thickness 3 (in.)	Low-e Pane 3	Tint	Spacer	Grid Type	U-Factor (Btu-in/hr-ft2-F)	SHGC - No Grids	VT - No Grids	SHGC - Grids < 1"	VT - Grids < 1"	SHGC - Grids > 1"	VT - Grids > 1"
947	3/4 Lite: Default Wood Door Frame, Standard Door: Impact Lite Frame: Lami / Air / CL184 (3mm 090PVB 3mm/3mm) BBG 1-7/32" IG	0.336		0.750	AIR	0.124	0.121(#3)					CL	A1-D	N	0.27	0.17	0.20				
948	3/4 Lite: Default Wood Door Frame, Standard Door: Impact Lite Frame: Gray Lami / Air / CL184 (3mm 090PVB 3mm/3mm) BBG 1-7/32" IG	0.336		0.750	AIR	0.124	0.121(#3)					GY	A1-D	N	0.27	0.13	0.14				
949	3/4 Lite: Default Wood Door Frame, Standard Door: Impact Lite Frame: Gray Lami / Air / S83 (3mm 090PVB 3mm/3mm) BBG 1-7/32" IG	0.336		0.750	AIR	0.124	0.103(#3)					GY	A1-D	N	0.26	0.13	0.14				
950	3/4 Lite: Default Wood Door Frame, Standard Door: Impact Lite Frame: Gray Lami / Air / CS73 (3mm 090PVB 3mm/3mm) 1-7/32" IG	0.336		0.750	AIR	0.123	0.148(#3)					GY	A1-S	N	0.25	0.16	0.16				

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TOTAL PRODUCT CALCULATIONS (Plastpro Fiberglass Door)																					
Option Number	Description	Pane Thickness 1 (in.)	Low-e Pane 1	Gap Width 1 (in.)	Gap Fill 1	Pane Thickness 2 (in.)	Low-e Pane 2	Gap Width 2 (in.)	Gap Fill 2	Pane Thickness 3 (in.)	Low-e Pane 3	Tint	Spacer	Grid Type	U-Factor (Btu-in/hr-ft <sup>2</sup> -F)	SHGC - No Grids	VT - No Grids	SHGC - Grids < 1"	VT - Grids < 1"	SHGC - Grids > 1"	VT - Grids > 1"
951	3/4 Lite: Default Wood Door Frame, Standard Door: Impact Lite Frame: Lami / Air / E272 (3mm 090PVB 3mm/3mm) 1-7/32" IG	0.336		0.750	AIR	0.117	0.042(#3)					CL	CU-D	N	0.24	0.16	0.22				
952	3/4 Lite: Default Wood Door Frame, Standard Door: Impact Lite Frame: Gray Lami / Air / E272 (3mm 090PVB 3mm/3mm) 1-7/32" IG	0.336		0.750	AIR	0.117	0.042(#3)					GY	CU-D	N	0.24	0.12	0.15				
953	3/4 Lite: Default Wood Door Frame, Standard Door: Impact Lite Frame: Lami / Air / E366 (3mm 090PVB 3mm/3mm) 1-7/32" IG	0.336		0.750	AIR	0.118	0.02(#3)					CL	CU-D	N	0.23	0.12	0.20				
954	3/4 Lite: Default Wood Door Frame, Standard Door: Injection Lite Frame: CL184 / Air / Clear (3mm/3mm) BBG 1" IG	0.124	0.121(#2)	0.750	AIR	0.123						CL	A1-D	N	0.29	0.17	0.21				
955	3/4 Lite: Default Wood Door Frame, Standard Door: Injection Lite Frame: Lami / Air / E366 (3mm 090PVB 3mm/3mm) 1" IG	0.336		0.550	AIR	0.118	0.02(#3)					CL	CU-D	N	0.24	0.12	0.20				

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**SIMULATION RESULTS**

TOTAL PRODUCT CALCULATIONS (Plastpro Fiberglass Door)																					
Option Number	Description	Pane Thickness 1 (in.)	Low-e Pane 1	Gap Width 1 (in.)	Gap Fill 1	Pane Thickness 2 (in.)	Low-e Pane 2	Gap Width 2 (in.)	Gap Fill 2	Pane Thickness 3 (in.)	Low-e Pane 3	Tint	Spacer	Grid Type	U-Factor (Btu-in/hr-ft <sup>2</sup> -F)	SHGC - No Grids	VT - No Grids	SHGC - Grids < 1"	VT - Grids < 1"	SHGC - Grids > 1"	VT - Grids > 1"
956	Full Lite: Default Wood Door Frame, Standard Door: Impact Lite Frame: Lami / Air / CL184 (3mm 090PVB 3mm/3mm) BBG 1-7/32" IG	0.336		0.750	AIR	0.124	0.121(#3)					CL	A1-D	N	0.30	0.23	0.28				
957	Full Lite: Default Wood Door Frame, Standard Door: Impact Lite Frame: Gray Lami / Air / CL184 (3mm 090PVB 3mm/3mm) BBG 1-7/32" IG	0.336		0.750	AIR	0.124	0.121(#3)					GY	A1-D	N	0.30	0.18	0.19				
958	Full Lite: Default Wood Door Frame, Standard Door: Impact Lite Frame: Gray Lami / Air / S83 (3mm 090PVB 3mm/3mm) BBG 1-7/32" IG	0.336		0.750	AIR	0.124	0.103(#3)					GY	A1-D	N	0.29	0.18	0.19				
959	Full Lite: Default Wood Door Frame, Standard Door: Impact Lite Frame: Gray Lami / Air / CS73 (3mm 090PVB 3mm/3mm) 1-7/32" IG	0.336		0.750	AIR	0.123	0.148(#3)					GY	A1-S	N,G	0.28	0.21	0.21	0.19	0.18		

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**SIMULATION RESULTS**

TOTAL PRODUCT CALCULATIONS (Plastpro Fiberglass Door)																					
Option Number	Description	Pane Thickness 1 (in.)	Low-e Pane 1	Gap Width 1 (in.)	Gap Fill 1	Pane Thickness 2 (in.)	Low-e Pane 2	Gap Width 2 (in.)	Gap Fill 2	Pane Thickness 3 (in.)	Low-e Pane 3	Tint	Spacer	Grid Type	U-Factor (Btu-in/hr-ft <sup>2</sup> -F)	SHGC - No Grids	VT - No Grids	SHGC - Grids < 1"	VT - Grids < 1"	SHGC - Grids > 1"	VT - Grids > 1"
960	Full Lite: Default Wood Door Frame, Standard Door: Impact Lite Frame: Lami / Air / E272 (3mm 090PVB 3mm/3mm) 1-7/32" IG	0.336		0.750	AIR	0.117	0.042(#3)					CL	CU-D	N,G	0.26	0.21	0.30	0.18	0.26		
961	Full Lite: Default Wood Door Frame, Standard Door: Impact Lite Frame: Gray Lami / Air / E272 (3mm 090PVB 3mm/3mm) 1-7/32" IG	0.336		0.750	AIR	0.117	0.042(#3)					GY	CU-D	N,G	0.26	0.16	0.20	0.14	0.18		
962	Full Lite: Default Wood Door Frame, Standard Door: Impact Lite Frame: Lami / Air / E366 (3mm 090PVB 3mm/3mm) 1-7/32" IG	0.336		0.750	AIR	0.118	0.02(#3)					CL	CU-D	N,G	0.25	0.16	0.27	0.15	0.23		
963	Full Lite: Default Wood Door Frame, Standard Door: Injection Lite Frame: CL184 / Air / Clear (3mm/3mm) BBG 1" IG	0.124	0.121(#2)	0.750	AIR	0.123						CL	A1-D	N	0.33	0.23	0.28				
964	Full Lite: Default Wood Door Frame, Standard Door: Injection Lite Frame: Lami / Air / E366 (3mm 090PVB 3mm/3mm) 1" IG	0.336		0.550	AIR	0.118	0.02(#3)					CL	CU-D	N,G	0.27	0.16	0.27	0.15	0.23		

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**SIMULATION RESULTS**

TOTAL PRODUCT CALCULATIONS (Plastpro Fiberglass Door)																					
Option Number	Description	Pane Thickness 1 (in.)	Low-e Pane 1	Gap Width 1 (in.)	Gap Fill 1	Pane Thickness 2 (in.)	Low-e Pane 2	Gap Width 2 (in.)	Gap Fill 2	Pane Thickness 3 (in.)	Low-e Pane 3	Tint	Spacer	Grid Type	U-Factor (Btu-in/hr-ft <sup>2</sup> -F)	SHGC - No Grids	VT - No Grids	SHGC - Grids < 1"	VT - Grids < 1"	SHGC - Grids > 1"	VT - Grids > 1"
965	1/4 Lite: Default Steel Door Frame, Standard Door: Impact Lite Frame: Gray Lami / Air / CS73 (3mm 090PVB 3mm/3mm) 1-7/32" IG	0.336		0.750	AIR	0.123	0.148(#3)					GY	A1-S	N	0.30	0.07	0.06				
966	1/4 Lite: Default Steel Door Frame, Standard Door: Impact Lite Frame: Lami / Air / E272 (3mm 090PVB 3mm/3mm) 1-7/32" IG	0.336		0.750	AIR	0.117	0.042(#3)					CL	CU-D	N	0.29	0.07	0.08				
967	1/4 Lite: Default Steel Door Frame, Standard Door: Impact Lite Frame: Gray Lami / Air / E272 (3mm 090PVB 3mm/3mm) 1-7/32" IG	0.336		0.750	AIR	0.117	0.042(#3)					GY	CU-D	N	0.29	0.05	0.06				
968	1/4 Lite: Default Steel Door Frame, Standard Door: Impact Lite Frame: Lami / Air / E366 (3mm 090PVB 3mm/3mm) 1-7/32" IG	0.336		0.750	AIR	0.118	0.02(#3)					CL	CU-D	N	0.29	0.06	0.08				

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TOTAL PRODUCT CALCULATIONS (Plastpro Fiberglass Door)																					
Option Number	Description	Pane Thickness 1 (in.)	Low-e Pane 1	Gap Width 1 (in.)	Gap Fill 1	Pane Thickness 2 (in.)	Low-e Pane 2	Gap Width 2 (in.)	Gap Fill 2	Pane Thickness 3 (in.)	Low-e Pane 3	Tint	Spacer	Grid Type	U-Factor (Btu-in/hr-ft <sup>2</sup> -F)	SHGC - No Grids	VT - No Grids	SHGC - Grids < 1"	VT - Grids < 1"	SHGC - Grids > 1"	VT - Grids > 1"
969	1/4 Lite: Default Steel Door Frame, Standard Door: Injection Lite Frame: Lami / Air / E366 (3mm 090PVB 3mm/3mm) 1" IG	0.336		0.550	AIR	0.118	0.02(#3)					CL	CU-D	N	0.30	0.06	0.08				
970	1/2 Lite: Default Steel Door Frame, Standard Door: Impact Lite Frame: Lami / Air / CL184 (3mm 090PVB 3mm/3mm) BBG 1-7/32" IG	0.336		0.750	AIR	0.124	0.121(#3)					CL	A1-D	N	0.34	0.13	0.15				
971	1/2 Lite: Default Steel Door Frame, Standard Door: Impact Lite Frame: Gray Lami / Air / CL184 (3mm 090PVB 3mm/3mm) BBG 1-7/32" IG	0.336		0.750	AIR	0.124	0.121(#3)					GY	A1-D	N	0.34	0.10	0.10				
972	1/2 Lite: Default Steel Door Frame, Standard Door: Impact Lite Frame: Gray Lami / Air / S83 (3mm 090PVB 3mm/3mm) BBG 1-7/32" IG	0.336		0.750	AIR	0.124	0.103(#3)					GY	A1-D	N	0.34	0.10	0.10				

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TOTAL PRODUCT CALCULATIONS (Plastpro Fiberglass Door)																					
Option Number	Description	Pane Thickness 1 (in.)	Low-e Pane 1	Gap Width 1 (in.)	Gap Fill 1	Pane Thickness 2 (in.)	Low-e Pane 2	Gap Width 2 (in.)	Gap Fill 2	Pane Thickness 3 (in.)	Low-e Pane 3	Tint	Spacer	Grid Type	U-Factor (Btu-in/hr-ft <sup>2</sup> -F)	SHGC - No Grids	VT - No Grids	SHGC - Grids < 1"	VT - Grids < 1"	SHGC - Grids > 1"	VT - Grids > 1"
973	1/2 Lite: Default Steel Door Frame, Standard Door: Impact Lite Frame: Gray Lami / Air / CS73 (3mm 090PVB 3mm/3mm) 1-7/32" IG	0.336		0.750	AIR	0.123	0.148(#3)					GY	A1-S	N	0.33	0.13	0.12				
974	1/2 Lite: Default Steel Door Frame, Standard Door: Impact Lite Frame: Lami / Air / E272 (3mm 090PVB 3mm/3mm) 1-7/32" IG	0.336		0.750	AIR	0.117	0.042(#3)					CL	CU-D	N	0.31	0.12	0.17				
975	1/2 Lite: Default Steel Door Frame, Standard Door: Impact Lite Frame: Gray Lami / Air / E272 (3mm 090PVB 3mm/3mm) 1-7/32" IG	0.336		0.750	AIR	0.117	0.042(#3)					GY	CU-D	N	0.31	0.10	0.11				
976	1/2 Lite: Default Steel Door Frame, Standard Door: Impact Lite Frame: Lami / Air / E366 (3mm 090PVB 3mm/3mm) 1-7/32" IG	0.336		0.750	AIR	0.118	0.02(#3)					CL	CU-D	N	0.31	0.10	0.15				



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TOTAL PRODUCT CALCULATIONS (Plastpro Fiberglass Door)																					
Option Number	Description	Pane Thickness 1 (in.)	Low-e Pane 1	Gap Width 1 (in.)	Gap Fill 1	Pane Thickness 2 (in.)	Low-e Pane 2	Gap Width 2 (in.)	Gap Fill 2	Pane Thickness 3 (in.)	Low-e Pane 3	Tint	Spacer	Grid Type	U-Factor (Btu-in/hr-ft <sup>2</sup> -F)	SHGC - No Grids	VT - No Grids	SHGC - Grids < 1"	VT - Grids < 1"	SHGC - Grids > 1"	VT - Grids > 1"
977	1/2 Lite: Default Steel Door Frame, Standard Door: Injection Lite Frame: CL184 / Air / Clear (3mm/3mm) BBG 1" IG	0.124	0.121(#2)	0.750	AIR	0.123						CL	A1-D	N	0.36	0.13	0.15				
978	1/2 Lite: Default Steel Door Frame, Standard Door: Injection Lite Frame: Lami / Air / E366 (3mm 090PVB 3mm/3mm) 1" IG	0.336		0.550	AIR	0.118	0.02(#3)					CL	CU-D	N	0.32	0.10	0.15				
979	3/4 Lite: Default Steel Door Frame, Standard Door: Impact Lite Frame: Lami / Air / CL184 (3mm 090PVB 3mm/3mm) BBG 1-7/32" IG	0.336		0.750	AIR	0.124	0.121(#3)					CL	A1-D	N	0.36	0.18	0.20				
980	3/4 Lite: Default Steel Door Frame, Standard Door: Impact Lite Frame: Gray Lami / Air / CL184 (3mm 090PVB 3mm/3mm) BBG 1-7/32" IG	0.336		0.750	AIR	0.124	0.121(#3)					GY	A1-D	N	0.36	0.14	0.14				
981	3/4 Lite: Default Steel Door Frame, Standard Door: Impact Lite Frame: Gray Lami / Air / S83 (3mm 090PVB 3mm/3mm) BBG 1-7/32" IG	0.336		0.750	AIR	0.124	0.103(#3)					GY	A1-D	N	0.35	0.14	0.14				



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TOTAL PRODUCT CALCULATIONS (Plastpro Fiberglass Door)																					
Option Number	Description	Pane Thickness 1 (in.)	Low-e Pane 1	Gap Width 1 (in.)	Gap Fill 1	Pane Thickness 2 (in.)	Low-e Pane 2	Gap Width 2 (in.)	Gap Fill 2	Pane Thickness 3 (in.)	Low-e Pane 3	Tint	Spacer	Grid Type	U-Factor (Btu-in/hr-ft <sup>2</sup> -F)	SHGC - No Grids	VT - No Grids	SHGC - Grids < 1"	VT - Grids < 1"	SHGC - Grids > 1"	VT - Grids > 1"
982	3/4 Lite: Default Steel Door Frame, Standard Door: Impact Lite Frame: Gray Lami / Air / CS73 (3mm 090PVB 3mm/3mm) 1-7/32" IG	0.336		0.750	AIR	0.123	0.148(#3)					GY	A1-S	N	0.35	0.16	0.16				
983	3/4 Lite: Default Steel Door Frame, Standard Door: Impact Lite Frame: Lami / Air / E272 (3mm 090PVB 3mm/3mm) 1-7/32" IG	0.336		0.750	AIR	0.117	0.042(#3)					CL	CU-D	N	0.33	0.16	0.22				
984	3/4 Lite: Default Steel Door Frame, Standard Door: Impact Lite Frame: Gray Lami / Air / E272 (3mm 090PVB 3mm/3mm) 1-7/32" IG	0.336		0.750	AIR	0.117	0.042(#3)					GY	CU-D	N	0.33	0.12	0.15				
985	3/4 Lite: Default Steel Door Frame, Standard Door: Impact Lite Frame: Lami / Air / E366 (3mm 090PVB 3mm/3mm) 1-7/32" IG	0.336		0.750	AIR	0.118	0.02(#3)					CL	CU-D	N	0.33	0.13	0.20				

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TOTAL PRODUCT CALCULATIONS (Plastpro Fiberglass Door)																					
Option Number	Description	Pane Thickness 1 (in.)	Low-e Pane 1	Gap Width 1 (in.)	Gap Fill 1	Pane Thickness 2 (in.)	Low-e Pane 2	Gap Width 2 (in.)	Gap Fill 2	Pane Thickness 3 (in.)	Low-e Pane 3	Tint	Spacer	Grid Type	U-Factor (Btu-in/hr-ft <sup>2</sup> -F)	SHGC - No Grids	VT - No Grids	SHGC - Grids < 1"	VT - Grids < 1"	SHGC - Grids > 1"	VT - Grids > 1"
986	3/4 Lite: Default Steel Door Frame, Standard Door: Injection Lite Frame: CL184 / Air / Clear (3mm/3mm) BBG 1" IG	0.124	0.121(#2)	0.750	AIR	0.123						CL	A1-D	N	0.39	0.17	0.21				
987	3/4 Lite: Default Steel Door Frame, Standard Door: Injection Lite Frame: Lami / Air / E366 (3mm 090PVB 3mm/3mm) 1" IG	0.336		0.550	AIR	0.118	0.02(#3)					CL	CU-D	N	0.34	0.13	0.20				
988	Full Lite: Default Steel Door Frame, Standard Door: Impact Lite Frame: Lami / Air / CL184 (3mm 090PVB 3mm/3mm) BBG 1-7/32" IG	0.336		0.750	AIR	0.124	0.121(#3)					CL	A1-D	N	0.39	0.23	0.28				
989	Full Lite: Default Steel Door Frame, Standard Door: Impact Lite Frame: Gray Lami / Air / CL184 (3mm 090PVB 3mm/3mm) BBG 1-7/32" IG	0.336		0.750	AIR	0.124	0.121(#3)					GY	A1-D	N	0.39	0.18	0.19				
990	Full Lite: Default Steel Door Frame, Standard Door: Impact Lite Frame: Gray Lami / Air / S83 (3mm 090PVB 3mm/3mm) BBG 1-7/32" IG	0.336		0.750	AIR	0.124	0.103(#3)					GY	A1-D	N	0.39	0.18	0.19				

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TOTAL PRODUCT CALCULATIONS (Plastpro Fiberglass Door)																					
Option Number	Description	Pane Thickness 1 (in.)	Low-e Pane 1	Gap Width 1 (in.)	Gap Fill 1	Pane Thickness 2 (in.)	Low-e Pane 2	Gap Width 2 (in.)	Gap Fill 2	Pane Thickness 3 (in.)	Low-e Pane 3	Tint	Spacer	Grid Type	U-Factor (Btu-in/hr-ft <sup>2</sup> -F)	SHGC - No Grids	VT - No Grids	SHGC - Grids < 1"	VT - Grids < 1"	SHGC - Grids > 1"	VT - Grids > 1"
991	Full Lite: Default Steel Door Frame, Standard Door: Impact Lite Frame: Gray Lami / Air / CS73 (3mm 090PVB 3mm/3mm) 1-7/32" IG	0.336		0.750	AIR	0.123	0.148(#3)					GY	A1-S	N	0.37	0.22	0.21				
992	Full Lite: Default Steel Door Frame, Standard Door: Impact Lite Frame: Lami / Air / E272 (3mm 090PVB 3mm/3mm) 1-7/32" IG	0.336		0.750	AIR	0.117	0.042(#3)					CL	CU-D	N	0.35	0.21	0.30				
993	Full Lite: Default Steel Door Frame, Standard Door: Impact Lite Frame: Gray Lami / Air / E272 (3mm 090PVB 3mm/3mm) 1-7/32" IG	0.336		0.750	AIR	0.117	0.042(#3)					GY	CU-D	N	0.35	0.16	0.20				
994	Full Lite: Default Steel Door Frame, Standard Door: Impact Lite Frame: Lami / Air / E366 (3mm 090PVB 3mm/3mm) 1-7/32" IG	0.336		0.750	AIR	0.118	0.02(#3)					CL	CU-D	N	0.35	0.17	0.27				

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TOTAL PRODUCT CALCULATIONS (Plastpro Fiberglass Door)																					
Option Number	Description	Pane Thickness 1 (in.)	Low-e Pane 1	Gap Width 1 (in.)	Gap Fill 1	Pane Thickness 2 (in.)	Low-e Pane 2	Gap Width 2 (in.)	Gap Fill 2	Pane Thickness 3 (in.)	Low-e Pane 3	Tint	Spacer	Grid Type	U-Factor (Btu-in/hr-ft <sup>2</sup> -F)	SHGC - No Grids	VT - No Grids	SHGC - Grids < 1"	VT - Grids < 1"	SHGC - Grids > 1"	VT - Grids > 1"
995	Full Lite: Default Steel Door Frame, Standard Door: Injection Lite Frame: CL184 / Air / Clear (3mm/3mm) BBG 1" IG	0.124	0.121(#2)	0.750	AIR	0.123						CL	A1-D	N	0.42	0.23	0.28				
996	Full Lite: Default Steel Door Frame, Standard Door: Injection Lite Frame: Lami / Air / E366 (3mm 090PVB 3mm/3mm) 1" IG	0.336		0.550	AIR	0.118	0.02(#3)					CL	CU-D	N	0.36	0.17	0.27				
997	1/4 Lite: CPVC Door Frame, Extreme Door: Impact Lite Frame: Gray Lami / Air / CS73 (3mm 090PVB 3mm/3mm) 1-7/32" IG	0.336		0.750	AIR	0.123	0.148(#3)					GY	A1-S	N	0.22	0.07	0.06				
998	1/4 Lite: CPVC Door Frame, Extreme Door: Impact Lite Frame: Lami / Air / E272 (3mm 090PVB 3mm/3mm) 1-7/32" IG	0.336		0.750	AIR	0.117	0.042(#3)					CL	CU-D	N	0.21	0.07	0.08				
999	1/4 Lite: CPVC Door Frame, Extreme Door: Impact Lite Frame: Gray Lami / Air / E272 (3mm 090PVB 3mm/3mm) 1-7/32" IG	0.336		0.750	AIR	0.117	0.042(#3)					GY	CU-D	N	0.21	0.05	0.06				

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Option Number	Description	Pane Thickness 1 (in.)	Low-e Pane 1	Gap Width 1 (in.)	Gap Fill 1	Pane Thickness 2 (in.)	Low-e Pane 2	Gap Width 2 (in.)	Gap Fill 2	Pane Thickness 3 (in.)	Low-e Pane 3	Tint	Spacer	Grid Type	U-Factor (Btu-in/hr-ft <sup>2</sup> -F)	SHGC - No Grids	VT - No Grids	SHGC - Grids < 1"	VT - Grids < 1"	SHGC - Grids > 1"	VT - Grids > 1"
1000	1/4 Lite: CPVC Door Frame, Extreme Door: Impact Lite Frame: Lami / Air / E366 (3mm 090PVB 3mm/3mm) 1-7/32" IG	0.336		0.750	AIR	0.118	0.02(#3)					CL	CU-D	N	0.21	0.05	0.08				
1001	1/4 Lite: CPVC Door Frame, Extreme Door: Injection Lite Frame: Lami / Air / E366 (3mm 090PVB 3mm/3mm) 1" IG	0.336		0.550	AIR	0.118	0.02(#3)					CL	CU-D	N	0.21	0.05	0.08				
1002	1/2 Lite: CPVC Door Frame, Extreme Door: Impact Lite Frame: Lami / Air / CL184 (3mm 090PVB 3mm/3mm) BBG 1-7/32" IG	0.336		0.750	AIR	0.124	0.121(#3)					CL	A1-D	N	0.26	0.13	0.15				
1003	1/2 Lite: CPVC Door Frame, Extreme Door: Impact Lite Frame: Gray Lami / Air / CL184 (3mm 090PVB 3mm/3mm) BBG 1-7/32" IG	0.336		0.750	AIR	0.124	0.121(#3)					GY	A1-D	N	0.26	0.10	0.10				
1004	1/2 Lite: CPVC Door Frame, Extreme Door: Impact Lite Frame: Gray Lami / Air / S83 (3mm 090PVB 3mm/3mm) BBG 1-7/32" IG	0.336		0.750	AIR	0.124	0.103(#3)					GY	A1-D	N	0.26	0.10	0.10				

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Option Number	Description	Pane Thickness 1 (in.)	Low-e Pane 1	Gap Width 1 (in.)	Gap Fill 1	Pane Thickness 2 (in.)	Low-e Pane 2	Gap Width 2 (in.)	Gap Fill 2	Pane Thickness 3 (in.)	Low-e Pane 3	Tint	Spacer	Grid Type	U-Factor (Btu-in/hr-ft <sup>2</sup> -F)	SHGC - No Grids	VT - No Grids	SHGC - Grids < 1"	VT - Grids < 1"	SHGC - Grids > 1"	VT - Grids > 1"
1005	1/2 Lite: CPVC Door Frame, Extreme Door: Impact Lite Frame: Gray Lami / Air / CS73 (3mm 090PVB 3mm/3mm) 1-7/32" IG	0.336		0.750	AIR	0.123	0.148(#3)					GY	A1-S	N	0.24	0.12	0.12				
1006	1/2 Lite: CPVC Door Frame, Extreme Door: Impact Lite Frame: Lami / Air / E272 (3mm 090PVB 3mm/3mm) 1-7/32" IG	0.336		0.750	AIR	0.117	0.042(#3)					CL	CU-D	N	0.23	0.12	0.17				
1007	1/2 Lite: CPVC Door Frame, Extreme Door: Impact Lite Frame: Gray Lami / Air / E272 (3mm 090PVB 3mm/3mm) 1-7/32" IG	0.336		0.750	AIR	0.117	0.042(#3)					GY	CU-D	N	0.23	0.09	0.11				
1008	1/2 Lite: CPVC Door Frame, Extreme Door: Impact Lite Frame: Lami / Air / E366 (3mm 090PVB 3mm/3mm) 1-7/32" IG	0.336		0.750	AIR	0.118	0.02(#3)					CL	CU-D	N	0.23	0.10	0.15				
1009	1/2 Lite: CPVC Door Frame, Extreme Door: Injection Lite Frame: CL184 / Air / Clear (3mm/3mm) BBG 1" IG	0.124	0.121(#2)	0.750	AIR	0.123						CL	A1-D	N	0.28	0.13	0.15				

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SIMULATION RESULTS**

TOTAL PRODUCT CALCULATIONS (Plastpro Fiberglass Door)																					
Option Number	Description	Pane Thickness 1 (in.)	Low-e Pane 1	Gap Width 1 (in.)	Gap Fill 1	Pane Thickness 2 (in.)	Low-e Pane 2	Gap Width 2 (in.)	Gap Fill 2	Pane Thickness 3 (in.)	Low-e Pane 3	Tint	Spacer	Grid Type	U-Factor (Btu-in/hr-ft <sup>2</sup> -F)	SHGC - No Grids	VT - No Grids	SHGC - Grids < 1"	VT - Grids < 1"	SHGC - Grids > 1"	VT - Grids > 1"
1010	1/2 Lite: CPVC Door Frame, Extreme Door: Injection Lite Frame: Lami / Air / E366 (3mm 090PVB 3mm/3mm) 1" IG	0.336		0.550	AIR	0.118	0.02(#3)					CL	CU-D	N	0.24	0.10	0.15				
1011	3/4 Lite: CPVC Door Frame, Extreme Door: Impact Lite Frame: Lami / Air / CL184 (3mm 090PVB 3mm/3mm) BBG 1-7/32" IG	0.336		0.750	AIR	0.124	0.121(#3)					CL	A1-D	N	0.28	0.17	0.20				
1012	3/4 Lite: CPVC Door Frame, Extreme Door: Impact Lite Frame: Gray Lami / Air / CL184 (3mm 090PVB 3mm/3mm) BBG 1-7/32" IG	0.336		0.750	AIR	0.124	0.121(#3)					GY	A1-D	N	0.28	0.13	0.14				
1013	3/4 Lite: CPVC Door Frame, Extreme Door: Impact Lite Frame: Gray Lami / Air / S83 (3mm 090PVB 3mm/3mm) BBG 1-7/32" IG	0.336		0.750	AIR	0.124	0.103(#3)					GY	A1-D	N	0.27	0.13	0.14				
1014	3/4 Lite: CPVC Door Frame, Extreme Door: Impact Lite Frame: Gray Lami / Air / CS73 (3mm 090PVB 3mm/3mm) 1-7/32" IG	0.336		0.750	AIR	0.123	0.148(#3)					GY	A1-S	N	0.26	0.16	0.16				

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TOTAL PRODUCT CALCULATIONS (Plastpro Fiberglass Door)																					
Option Number	Description	Pane Thickness 1 (in.)	Low-e Pane 1	Gap Width 1 (in.)	Gap Fill 1	Pane Thickness 2 (in.)	Low-e Pane 2	Gap Width 2 (in.)	Gap Fill 2	Pane Thickness 3 (in.)	Low-e Pane 3	Tint	Spacer	Grid Type	U-Factor (Btu-in/hr-ft <sup>2</sup> -F)	SHGC - No Grids	VT - No Grids	SHGC - Grids < 1"	VT - Grids < 1"	SHGC - Grids > 1"	VT - Grids > 1"
1015	3/4 Lite: CPVC Door Frame, Extreme Door: Impact Lite Frame: Lami / Air / E272 (3mm 090PVB 3mm/3mm) 1-7/32" IG	0.336		0.750	AIR	0.117	0.042(#3)					CL	CU-D	N	0.25	0.16	0.22				
1016	3/4 Lite: CPVC Door Frame, Extreme Door: Impact Lite Frame: Gray Lami / Air / E272 (3mm 090PVB 3mm/3mm) 1-7/32" IG	0.336		0.750	AIR	0.117	0.042(#3)					GY	CU-D	N	0.25	0.12	0.15				
1017	3/4 Lite: CPVC Door Frame, Extreme Door: Impact Lite Frame: Lami / Air / E366 (3mm 090PVB 3mm/3mm) 1-7/32" IG	0.336		0.750	AIR	0.118	0.02(#3)					CL	CU-D	N	0.25	0.12	0.20				
1018	3/4 Lite: CPVC Door Frame, Extreme Door: Injection Lite Frame: CL184 / Air / Clear (3mm/3mm) BBG 1" IG	0.124	0.121(#2)	0.750	AIR	0.123						CL	A1-D	N	0.30	0.17	0.21				
1019	3/4 Lite: CPVC Door Frame, Extreme Door: Injection Lite Frame: Lami / Air / E366 (3mm 090PVB 3mm/3mm) 1" IG	0.336		0.550	AIR	0.118	0.02(#3)					CL	CU-D	N	0.26	0.13	0.20				



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TOTAL PRODUCT CALCULATIONS (Plastpro Fiberglass Door)																					
Option Number	Description	Pane Thickness 1 (in.)	Low-e Pane 1	Gap Width 1 (in.)	Gap Fill 1	Pane Thickness 2 (in.)	Low-e Pane 2	Gap Width 2 (in.)	Gap Fill 2	Pane Thickness 3 (in.)	Low-e Pane 3	Tint	Spacer	Grid Type	U-Factor (Btu-in/hr-ft <sup>2</sup> -F)	SHGC - No Grids	VT - No Grids	SHGC - Grids < 1"	VT - Grids < 1"	SHGC - Grids > 1"	VT - Grids > 1"
1020	Full Lite: CPVC Door Frame, Extreme Door: Impact Lite Frame: Lami / Air / CL184 (3mm 090PVB 3mm/3mm) BBG 1-7/32" IG	0.336		0.750	AIR	0.124	0.121(#3)					CL	A1-D	N	0.31	0.23	0.28				
1021	Full Lite: CPVC Door Frame, Extreme Door: Impact Lite Frame: Gray Lami / Air / CL184 (3mm 090PVB 3mm/3mm) BBG 1-7/32" IG	0.336		0.750	AIR	0.124	0.121(#3)					GY	A1-D	N	0.31	0.18	0.19				
1022	Full Lite: CPVC Door Frame, Extreme Door: Impact Lite Frame: Gray Lami / Air / S83 (3mm 090PVB 3mm/3mm) BBG 1-7/32" IG	0.336		0.750	AIR	0.124	0.103(#3)					GY	A1-D	N	0.31	0.18	0.19				
1023	Full Lite: CPVC Door Frame, Extreme Door: Impact Lite Frame: Gray Lami / Air / CS73 (3mm 090PVB 3mm/3mm) 1-7/32" IG	0.336		0.750	AIR	0.123	0.148(#3)					GY	A1-S	N	0.29	0.21	0.21				
1024	Full Lite: CPVC Door Frame, Extreme Door: Impact Lite Frame: Lami / Air / E272 (3mm 090PVB 3mm/3mm) 1-7/32" IG	0.336		0.750	AIR	0.117	0.042(#3)					CL	CU-D	N	0.27	0.21	0.30				

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TOTAL PRODUCT CALCULATIONS (Plastpro Fiberglass Door)																					
Option Number	Description	Pane Thickness 1 (in.)	Low-e Pane 1	Gap Width 1 (in.)	Gap Fill 1	Pane Thickness 2 (in.)	Low-e Pane 2	Gap Width 2 (in.)	Gap Fill 2	Pane Thickness 3 (in.)	Low-e Pane 3	Tint	Spacer	Grid Type	U-Factor (Btu-in/hr-ft <sup>2</sup> -F)	SHGC - No Grids	VT - No Grids	SHGC - Grids < 1"	VT - Grids < 1"	SHGC - Grids > 1"	VT - Grids > 1"
1025	Full Lite: CPVC Door Frame, Extreme Door: Impact Lite Frame: Gray Lami / Air / E272 (3mm 090PVB 3mm/3mm) 1-7/32" IG	0.336		0.750	AIR	0.117	0.042(#3)					GY	CU-D	N	0.27	0.16	0.20				
1026	Full Lite: CPVC Door Frame, Extreme Door: Impact Lite Frame: Lami / Air / E366 (3mm 090PVB 3mm/3mm) 1-7/32" IG	0.336		0.750	AIR	0.118	0.02(#3)					CL	CU-D	N	0.27	0.16	0.27				
1027	Full Lite: CPVC Door Frame, Extreme Door: Injection Lite Frame: CL184 / Air / Clear (3mm/3mm) BBG 1" IG	0.124	0.121(#2)	0.750	AIR	0.123						CL	A1-D	N	0.34	0.23	0.28				
1028	Full Lite: CPVC Door Frame, Extreme Door: Injection Lite Frame: Lami / Air / E366 (3mm 090PVB 3mm/3mm) 1" IG	0.336		0.550	AIR	0.118	0.02(#3)					CL	CU-D	N	0.28	0.16	0.27				
1029	1/4 Lite: Default Wood Door Frame, Extreme Door: Impact Lite Frame: Gray Lami / Air / CS73 (3mm 090PVB 3mm/3mm) 1-7/32" IG	0.336		0.750	AIR	0.123	0.148(#3)					GY	A1-S	N	0.22	0.07	0.06				

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TOTAL PRODUCT CALCULATIONS (Plastpro Fiberglass Door)																					
Option Number	Description	Pane Thickness 1 (in.)	Low-e Pane 1	Gap Width 1 (in.)	Gap Fill 1	Pane Thickness 2 (in.)	Low-e Pane 2	Gap Width 2 (in.)	Gap Fill 2	Pane Thickness 3 (in.)	Low-e Pane 3	Tint	Spacer	Grid Type	U-Factor (Btu-in/hr-ft <sup>2</sup> -F)	SHGC - No Grids	VT - No Grids	SHGC - Grids < 1"	VT - Grids < 1"	SHGC - Grids > 1"	VT - Grids > 1"
1030	1/4 Lite: Default Wood Door Frame, Extreme Door: Impact Lite Frame: Lami / Air / E272 (3mm 090PVB 3mm/3mm) 1-7/32" IG	0.336		0.750	AIR	0.117	0.042(#3)					CL	CU-D	N	0.21	0.07	0.08				
1031	1/4 Lite: Default Wood Door Frame, Extreme Door: Impact Lite Frame: Gray Lami / Air / E272 (3mm 090PVB 3mm/3mm) 1-7/32" IG	0.336		0.750	AIR	0.117	0.042(#3)					GY	CU-D	N	0.21	0.05	0.06				
1032	1/4 Lite: Default Wood Door Frame, Extreme Door: Impact Lite Frame: Lami / Air / E366 (3mm 090PVB 3mm/3mm) 1-7/32" IG	0.336		0.750	AIR	0.118	0.02(#3)					CL	CU-D	N	0.21	0.05	0.08				
1033	1/4 Lite: Default Wood Door Frame, Extreme Door: Injection Lite Frame: Lami / Air / E366 (3mm 090PVB 3mm/3mm) 1" IG	0.336		0.550	AIR	0.118	0.02(#3)					CL	CU-D	N	0.22	0.05	0.08				

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TOTAL PRODUCT CALCULATIONS (Plastpro Fiberglass Door)																					
Option Number	Description	Pane Thickness 1 (in.)	Low-e Pane 1	Gap Width 1 (in.)	Gap Fill 1	Pane Thickness 2 (in.)	Low-e Pane 2	Gap Width 2 (in.)	Gap Fill 2	Pane Thickness 3 (in.)	Low-e Pane 3	Tint	Spacer	Grid Type	U-Factor (Btu-in/hr-ft <sup>2</sup> -F)	SHGC - No Grids	VT - No Grids	SHGC - Grids < 1"	VT - Grids < 1"	SHGC - Grids > 1"	VT - Grids > 1"
1034	1/2 Lite: Default Wood Door Frame, Extreme Door: Impact Lite Frame: Lami / Air / CL184 (3mm 090PVB 3mm/3mm) BBG 1-7/32" IG	0.336		0.750	AIR	0.124	0.121(#3)					CL	A1-D	N	0.26	0.13	0.15				
1035	1/2 Lite: Default Wood Door Frame, Extreme Door: Impact Lite Frame: Gray Lami / Air / CL184 (3mm 090PVB 3mm/3mm) BBG 1-7/32" IG	0.336		0.750	AIR	0.124	0.121(#3)					GY	A1-D	N	0.26	0.10	0.10				
1036	1/2 Lite: Default Wood Door Frame, Extreme Door: Impact Lite Frame: Gray Lami / Air / S83 (3mm 090PVB 3mm/3mm) BBG 1-7/32" IG	0.336		0.750	AIR	0.124	0.103(#3)					GY	A1-D	N	0.26	0.10	0.10				
1037	1/2 Lite: Default Wood Door Frame, Extreme Door: Impact Lite Frame: Gray Lami / Air / CS73 (3mm 090PVB 3mm/3mm) 1-7/32" IG	0.336		0.750	AIR	0.123	0.148(#3)					GY	A1-S	N	0.25	0.12	0.12				

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TOTAL PRODUCT CALCULATIONS (Plastpro Fiberglass Door)																					
Option Number	Description	Pane Thickness 1 (in.)	Low-e Pane 1	Gap Width 1 (in.)	Gap Fill 1	Pane Thickness 2 (in.)	Low-e Pane 2	Gap Width 2 (in.)	Gap Fill 2	Pane Thickness 3 (in.)	Low-e Pane 3	Tint	Spacer	Grid Type	U-Factor (Btu-in/hr-ft <sup>2</sup> -F)	SHGC - No Grids	VT - No Grids	SHGC - Grids < 1"	VT - Grids < 1"	SHGC - Grids > 1"	VT - Grids > 1"
1038	1/2 Lite: Default Wood Door Frame, Extreme Door: Impact Lite Frame: Lami / Air / E272 (3mm 090PVB 3mm/3mm) 1-7/32" IG	0.336		0.750	AIR	0.117	0.042(#3)					CL	CU-D	N	0.24	0.12	0.17				
1039	1/2 Lite: Default Wood Door Frame, Extreme Door: Impact Lite Frame: Gray Lami / Air / E272 (3mm 090PVB 3mm/3mm) 1-7/32" IG	0.336		0.750	AIR	0.117	0.042(#3)					GY	CU-D	N	0.24	0.09	0.11				
1040	1/2 Lite: Default Wood Door Frame, Extreme Door: Impact Lite Frame: Lami / Air / E366 (3mm 090PVB 3mm/3mm) 1-7/32" IG	0.336		0.750	AIR	0.118	0.02(#3)					CL	CU-D	N	0.23	0.10	0.15				
1041	1/2 Lite: Default Wood Door Frame, Extreme Door: Injection Lite Frame: CL184 / Air / Clear (3mm/3mm) BBG 1" IG	0.124	0.121(#2)	0.750	AIR	0.123						CL	A1-D	N	0.28	0.13	0.15				
1042	1/2 Lite: Default Wood Door Frame, Extreme Door: Injection Lite Frame: Lami / Air / E366 (3mm 090PVB 3mm/3mm) 1" IG	0.336		0.550	AIR	0.118	0.02(#3)					CL	CU-D	N	0.24	0.10	0.15				

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TOTAL PRODUCT CALCULATIONS (Plastpro Fiberglass Door)																					
Option Number	Description	Pane Thickness 1 (in.)	Low-e Pane 1	Gap Width 1 (in.)	Gap Fill 1	Pane Thickness 2 (in.)	Low-e Pane 2	Gap Width 2 (in.)	Gap Fill 2	Pane Thickness 3 (in.)	Low-e Pane 3	Tint	Spacer	Grid Type	U-Factor (Btu-in/hr-ft2-F)	SHGC - No Grids	VT - No Grids	SHGC - Grids < 1"	VT - Grids < 1"	SHGC - Grids > 1"	VT - Grids > 1"
1043	3/4 Lite: Default Wood Door Frame, Extreme Door: Impact Lite Frame: Lami / Air / CL184 (3mm 090PVB 3mm/3mm) BBG 1-7/32" IG	0.336		0.750	AIR	0.124	0.121(#3)					CL	A1-D	N	0.28	0.17	0.20				
1044	3/4 Lite: Default Wood Door Frame, Extreme Door: Impact Lite Frame: Gray Lami / Air / CL184 (3mm 090PVB 3mm/3mm) BBG 1-7/32" IG	0.336		0.750	AIR	0.124	0.121(#3)					GY	A1-D	N	0.28	0.13	0.14				
1045	3/4 Lite: Default Wood Door Frame, Extreme Door: Impact Lite Frame: Gray Lami / Air / S83 (3mm 090PVB 3mm/3mm) BBG 1-7/32" IG	0.336		0.750	AIR	0.124	0.103(#3)					GY	A1-D	N	0.28	0.13	0.14				
1046	3/4 Lite: Default Wood Door Frame, Extreme Door: Impact Lite Frame: Gray Lami / Air / CS73 (3mm 090PVB 3mm/3mm) 1-7/32" IG	0.336		0.750	AIR	0.123	0.148(#3)					GY	A1-S	N	0.27	0.16	0.16				

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TOTAL PRODUCT CALCULATIONS (Plastpro Fiberglass Door)																					
Option Number	Description	Pane Thickness 1 (in.)	Low-e Pane 1	Gap Width 1 (in.)	Gap Fill 1	Pane Thickness 2 (in.)	Low-e Pane 2	Gap Width 2 (in.)	Gap Fill 2	Pane Thickness 3 (in.)	Low-e Pane 3	Tint	Spacer	Grid Type	U-Factor (Btu-in/hr-ft <sup>2</sup> -F)	SHGC - No Grids	VT - No Grids	SHGC - Grids < 1"	VT - Grids < 1"	SHGC - Grids > 1"	VT - Grids > 1"
1047	3/4 Lite: Default Wood Door Frame, Extreme Door: Impact Lite Frame: Lami / Air / E272 (3mm 090PVB 3mm/3mm) 1-7/32" IG	0.336		0.750	AIR	0.117	0.042(#3)					CL	CU-D	N	0.25	0.16	0.22				
1048	3/4 Lite: Default Wood Door Frame, Extreme Door: Impact Lite Frame: Gray Lami / Air / E272 (3mm 090PVB 3mm/3mm) 1-7/32" IG	0.336		0.750	AIR	0.117	0.042(#3)					GY	CU-D	N	0.25	0.12	0.15				
1049	3/4 Lite: Default Wood Door Frame, Extreme Door: Impact Lite Frame: Lami / Air / E366 (3mm 090PVB 3mm/3mm) 1-7/32" IG	0.336		0.750	AIR	0.118	0.02(#3)					CL	CU-D	N	0.25	0.13	0.20				
1050	3/4 Lite: Default Wood Door Frame, Extreme Door: Injection Lite Frame: CL184 / Air / Clear (3mm/3mm) BBG 1" IG	0.124	0.121(#2)	0.750	AIR	0.123						CL	A1-D	N	0.31	0.17	0.21				
1051	3/4 Lite: Default Wood Door Frame, Extreme Door: Injection Lite Frame: Lami / Air / E366 (3mm 090PVB 3mm/3mm) 1" IG	0.336		0.550	AIR	0.118	0.02(#3)					CL	CU-D	N	0.26	0.13	0.20				

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TOTAL PRODUCT CALCULATIONS (Plastpro Fiberglass Door)																					
Option Number	Description	Pane Thickness 1 (in.)	Low-e Pane 1	Gap Width 1 (in.)	Gap Fill 1	Pane Thickness 2 (in.)	Low-e Pane 2	Gap Width 2 (in.)	Gap Fill 2	Pane Thickness 3 (in.)	Low-e Pane 3	Tint	Spacer	Grid Type	U-Factor (Btu-in/hr-ft2-F)	SHGC - No Grids	VT - No Grids	SHGC - Grids < 1"	VT - Grids < 1"	SHGC - Grids > 1"	VT - Grids > 1"
1052	Full Lite: Default Wood Door Frame, Extreme Door: Impact Lite Frame: Lami / Air / CL184 (3mm 090PVB 3mm/3mm) BBG 1-7/32" IG	0.336		0.750	AIR	0.124	0.121(#3)					CL	A1-D	N	0.31	0.23	0.28				
1053	Full Lite: Default Wood Door Frame, Extreme Door: Impact Lite Frame: Gray Lami / Air / CL184 (3mm 090PVB 3mm/3mm) BBG 1-7/32" IG	0.336		0.750	AIR	0.124	0.121(#3)					GY	A1-D	N	0.31	0.18	0.19				
1054	Full Lite: Default Wood Door Frame, Extreme Door: Impact Lite Frame: Gray Lami / Air / S83 (3mm 090PVB 3mm/3mm) BBG 1-7/32" IG	0.336		0.750	AIR	0.124	0.103(#3)					GY	A1-D	N	0.31	0.18	0.19				
1055	Full Lite: Default Wood Door Frame, Extreme Door: Impact Lite Frame: Gray Lami / Air / CS73 (3mm 090PVB 3mm/3mm) 1-7/32" IG	0.336		0.750	AIR	0.123	0.148(#3)					GY	A1-S	N	0.29	0.21	0.21				



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TOTAL PRODUCT CALCULATIONS (Plastpro Fiberglass Door)																					
Option Number	Description	Pane Thickness 1 (in.)	Low-e Pane 1	Gap Width 1 (in.)	Gap Fill 1	Pane Thickness 2 (in.)	Low-e Pane 2	Gap Width 2 (in.)	Gap Fill 2	Pane Thickness 3 (in.)	Low-e Pane 3	Tint	Spacer	Grid Type	U-Factor (Btu-in/hr-ft <sup>2</sup> -F)	SHGC - No Grids	VT - No Grids	SHGC - Grids < 1"	VT - Grids < 1"	SHGC - Grids > 1"	VT - Grids > 1"
1056	Full Lite: Default Wood Door Frame, Extreme Door: Impact Lite Frame: Lami / Air / E272 (3mm 090PVB 3mm/3mm) 1-7/32" IG	0.336		0.750	AIR	0.117	0.042(#3)					CL	CU-D	N	0.27	0.21	0.30				
1057	Full Lite: Default Wood Door Frame, Extreme Door: Impact Lite Frame: Gray Lami / Air / E272 (3mm 090PVB 3mm/3mm) 1-7/32" IG	0.336		0.750	AIR	0.117	0.042(#3)					GY	CU-D	N	0.27	0.16	0.20				
1058	Full Lite: Default Wood Door Frame, Extreme Door: Impact Lite Frame: Lami / Air / E366 (3mm 090PVB 3mm/3mm) 1-7/32" IG	0.336		0.750	AIR	0.118	0.02(#3)					CL	CU-D	N	0.27	0.16	0.27				
1059	Full Lite: Default Wood Door Frame, Extreme Door: Injection Lite Frame: CL184 / Air / Clear (3mm/3mm) BBG 1" IG	0.124	0.121(#2)	0.750	AIR	0.123						CL	A1-D	N	0.34	0.23	0.28				
1060	Full Lite: Default Wood Door Frame, Extreme Door: Injection Lite Frame: Lami / Air / E366 (3mm 090PVB 3mm/3mm) 1" IG	0.336		0.550	AIR	0.118	0.02(#3)					CL	CU-D	N	0.28	0.16	0.27				

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Option Number	Description	Pane Thickness 1 (in.)	Low-e Pane 1	Gap Width 1 (in.)	Gap Fill 1	Pane Thickness 2 (in.)	Low-e Pane 2	Gap Width 2 (in.)	Gap Fill 2	Pane Thickness 3 (in.)	Low-e Pane 3	Tint	Spacer	Grid Type	U-Factor (Btu-in/hr-ft <sup>2</sup> -F)	SHGC - No Grids	VT - No Grids	SHGC - Grids < 1"	VT - Grids < 1"	SHGC - Grids > 1"	VT - Grids > 1"
1061	1/4 Lite: Default Steel Door Frame, Extreme Door: Impact Lite Frame: Gray Lami / Air / CS73 (3mm 090PVB 3mm/3mm) 1-7/32" IG	0.336		0.750	AIR	0.123	0.148(#3)					GY	A1-S	N	0.31	0.07	0.06				
1062	1/4 Lite: Default Steel Door Frame, Extreme Door: Impact Lite Frame: Lami / Air / E272 (3mm 090PVB 3mm/3mm) 1-7/32" IG	0.336		0.750	AIR	0.117	0.042(#3)					CL	CU-D	N	0.31	0.07	0.08				
1063	1/4 Lite: Default Steel Door Frame, Extreme Door: Impact Lite Frame: Gray Lami / Air / E272 (3mm 090PVB 3mm/3mm) 1-7/32" IG	0.336		0.750	AIR	0.117	0.042(#3)					GY	CU-D	N	0.31	0.06	0.06				
1064	1/4 Lite: Default Steel Door Frame, Extreme Door: Impact Lite Frame: Lami / Air / E366 (3mm 090PVB 3mm/3mm) 1-7/32" IG	0.336		0.750	AIR	0.118	0.02(#3)					CL	CU-D	N	0.31	0.06	0.08				

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TOTAL PRODUCT CALCULATIONS (Plastpro Fiberglass Door)																					
Option Number	Description	Pane Thickness 1 (in.)	Low-e Pane 1	Gap Width 1 (in.)	Gap Fill 1	Pane Thickness 2 (in.)	Low-e Pane 2	Gap Width 2 (in.)	Gap Fill 2	Pane Thickness 3 (in.)	Low-e Pane 3	Tint	Spacer	Grid Type	U-Factor (Btu-in/hr-ft <sup>2</sup> -F)	SHGC - No Grids	VT - No Grids	SHGC - Grids < 1"	VT - Grids < 1"	SHGC - Grids > 1"	VT - Grids > 1"
1065	1/4 Lite: Default Steel Door Frame, Extreme Door: Injection Lite Frame: Lami / Air / E366 (3mm 090PVB 3mm/3mm) 1" IG	0.336		0.550	AIR	0.118	0.02(#3)					CL	CU-D	N	0.31	0.06	0.08				
1066	1/2 Lite: Default Steel Door Frame, Extreme Door: Impact Lite Frame: Lami / Air / CL184 (3mm 090PVB 3mm/3mm) BBG 1-7/32" IG	0.336		0.750	AIR	0.124	0.121(#3)					CL	A1-D	N	0.36	0.13	0.15				
1067	1/2 Lite: Default Steel Door Frame, Extreme Door: Impact Lite Frame: Gray Lami / Air / CL184 (3mm 090PVB 3mm/3mm) BBG 1-7/32" IG	0.336		0.750	AIR	0.124	0.121(#3)					GY	A1-D	N	0.36	0.10	0.10				
1068	1/2 Lite: Default Steel Door Frame, Extreme Door: Impact Lite Frame: Gray Lami / Air / S83 (3mm 090PVB 3mm/3mm) BBG 1-7/32" IG	0.336		0.750	AIR	0.124	0.103(#3)					GY	A1-D	N	0.35	0.10	0.10				

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TOTAL PRODUCT CALCULATIONS (Plastpro Fiberglass Door)																					
Option Number	Description	Pane Thickness 1 (in.)	Low-e Pane 1	Gap Width 1 (in.)	Gap Fill 1	Pane Thickness 2 (in.)	Low-e Pane 2	Gap Width 2 (in.)	Gap Fill 2	Pane Thickness 3 (in.)	Low-e Pane 3	Tint	Spacer	Grid Type	U-Factor (Btu-in/hr-ft <sup>2</sup> -F)	SHGC - No Grids	VT - No Grids	SHGC - Grids < 1"	VT - Grids < 1"	SHGC - Grids > 1"	VT - Grids > 1"
1069	1/2 Lite: Default Steel Door Frame, Extreme Door: Impact Lite Frame: Gray Lami / Air / CS73 (3mm 090PVB 3mm/3mm) 1-7/32" IG	0.336		0.750	AIR	0.123	0.148(#3)					GY	A1-S	N	0.34	0.13	0.12				
1070	1/2 Lite: Default Steel Door Frame, Extreme Door: Impact Lite Frame: Lami / Air / E272 (3mm 090PVB 3mm/3mm) 1-7/32" IG	0.336		0.750	AIR	0.117	0.042(#3)					CL	CU-D	N	0.33	0.12	0.17				
1071	1/2 Lite: Default Steel Door Frame, Extreme Door: Impact Lite Frame: Gray Lami / Air / E272 (3mm 090PVB 3mm/3mm) 1-7/32" IG	0.336		0.750	AIR	0.117	0.042(#3)					GY	CU-D	N	0.33	0.10	0.11				
1072	1/2 Lite: Default Steel Door Frame, Extreme Door: Impact Lite Frame: Lami / Air / E366 (3mm 090PVB 3mm/3mm) 1-7/32" IG	0.336		0.750	AIR	0.118	0.02(#3)					CL	CU-D	N	0.33	0.10	0.15				

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TOTAL PRODUCT CALCULATIONS (Plastpro Fiberglass Door)																					
Option Number	Description	Pane Thickness 1 (in.)	Low-e Pane 1	Gap Width 1 (in.)	Gap Fill 1	Pane Thickness 2 (in.)	Low-e Pane 2	Gap Width 2 (in.)	Gap Fill 2	Pane Thickness 3 (in.)	Low-e Pane 3	Tint	Spacer	Grid Type	U-Factor (Btu-in/hr-ft <sup>2</sup> -F)	SHGC - No Grids	VT - No Grids	SHGC - Grids < 1"	VT - Grids < 1"	SHGC - Grids > 1"	VT - Grids > 1"
1073	1/2 Lite: Default Steel Door Frame, Extreme Door: Injection Lite Frame: CL184 / Air / Clear (3mm/3mm) BBG 1" IG	0.124	0.121(#2)	0.750	AIR	0.123						CL	A1-D	N	0.38	0.13	0.15				
1074	1/2 Lite: Default Steel Door Frame, Extreme Door: Injection Lite Frame: Lami / Air / E366 (3mm 090PVB 3mm/3mm) 1" IG	0.336		0.550	AIR	0.118	0.02(#3)					CL	CU-D	N	0.34	0.10	0.15				
1075	3/4 Lite: Default Steel Door Frame, Extreme Door: Impact Lite Frame: Lami / Air / CL184 (3mm 090PVB 3mm/3mm) BBG 1-7/32" IG	0.336		0.750	AIR	0.124	0.121(#3)					CL	A1-D	N	0.38	0.18	0.20				
1076	3/4 Lite: Default Steel Door Frame, Extreme Door: Impact Lite Frame: Gray Lami / Air / CL184 (3mm 090PVB 3mm/3mm) BBG 1-7/32" IG	0.336		0.750	AIR	0.124	0.121(#3)					GY	A1-D	N	0.38	0.14	0.14				
1077	3/4 Lite: Default Steel Door Frame, Extreme Door: Impact Lite Frame: Gray Lami / Air / S83 (3mm 090PVB 3mm/3mm) BBG 1-7/32" IG	0.336		0.750	AIR	0.124	0.103(#3)					GY	A1-D	N	0.37	0.14	0.14				

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TOTAL PRODUCT CALCULATIONS (Plastpro Fiberglass Door)																					
Option Number	Description	Pane Thickness 1 (in.)	Low-e Pane 1	Gap Width 1 (in.)	Gap Fill 1	Pane Thickness 2 (in.)	Low-e Pane 2	Gap Width 2 (in.)	Gap Fill 2	Pane Thickness 3 (in.)	Low-e Pane 3	Tint	Spacer	Grid Type	U-Factor (Btu-in/hr-ft <sup>2</sup> -F)	SHGC - No Grids	VT - No Grids	SHGC - Grids < 1"	VT - Grids < 1"	SHGC - Grids > 1"	VT - Grids > 1"
1078	3/4 Lite: Default Steel Door Frame, Extreme Door: Impact Lite Frame: Gray Lami / Air / CS73 (3mm 090PVB 3mm/3mm) 1-7/32" IG	0.336		0.750	AIR	0.123	0.148(#3)					GY	A1-S	N	0.36	0.17	0.16				
1079	3/4 Lite: Default Steel Door Frame, Extreme Door: Impact Lite Frame: Lami / Air / E272 (3mm 090PVB 3mm/3mm) 1-7/32" IG	0.336		0.750	AIR	0.117	0.042(#3)					CL	CU-D	N	0.35	0.16	0.22				
1080	3/4 Lite: Default Steel Door Frame, Extreme Door: Impact Lite Frame: Gray Lami / Air / E272 (3mm 090PVB 3mm/3mm) 1-7/32" IG	0.336		0.750	AIR	0.117	0.042(#3)					GY	CU-D	N	0.35	0.12	0.15				
1081	3/4 Lite: Default Steel Door Frame, Extreme Door: Impact Lite Frame: Lami / Air / E366 (3mm 090PVB 3mm/3mm) 1-7/32" IG	0.336		0.750	AIR	0.118	0.02(#3)					CL	CU-D	N	0.34	0.13	0.20				

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TOTAL PRODUCT CALCULATIONS (Plastpro Fiberglass Door)																					
Option Number	Description	Pane Thickness 1 (in.)	Low-e Pane 1	Gap Width 1 (in.)	Gap Fill 1	Pane Thickness 2 (in.)	Low-e Pane 2	Gap Width 2 (in.)	Gap Fill 2	Pane Thickness 3 (in.)	Low-e Pane 3	Tint	Spacer	Grid Type	U-Factor (Btu-in/hr-ft <sup>2</sup> -F)	SHGC - No Grids	VT - No Grids	SHGC - Grids < 1"	VT - Grids < 1"	SHGC - Grids > 1"	VT - Grids > 1"
1082	3/4 Lite: Default Steel Door Frame, Extreme Door: Injection Lite Frame: CL184 / Air / Clear (3mm/3mm) BBG 1" IG	0.124	0.121(#2)	0.750	AIR	0.123						CL	A1-D	N	0.40	0.17	0.21				
1083	3/4 Lite: Default Steel Door Frame, Extreme Door: Injection Lite Frame: Lami / Air / E366 (3mm 090PVB 3mm/3mm) 1" IG	0.336		0.550	AIR	0.118	0.02(#3)					CL	CU-D	N	0.35	0.13	0.20				
1084	Full Lite: Default Steel Door Frame, Extreme Door: Impact Lite Frame: Lami / Air / CL184 (3mm 090PVB 3mm/3mm) BBG 1-7/32" IG	0.336		0.750	AIR	0.124	0.121(#3)					CL	A1-D	N	0.41	0.23	0.28				
1085	Full Lite: Default Steel Door Frame, Extreme Door: Impact Lite Frame: Gray Lami / Air / CL184 (3mm 090PVB 3mm/3mm) BBG 1-7/32" IG	0.336		0.750	AIR	0.124	0.121(#3)					GY	A1-D	N	0.41	0.18	0.19				
1086	Full Lite: Default Steel Door Frame, Extreme Door: Impact Lite Frame: Gray Lami / Air / S83 (3mm 090PVB 3mm/3mm) BBG 1-7/32" IG	0.336		0.750	AIR	0.124	0.103(#3)					GY	A1-D	N	0.41	0.18	0.19				

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TOTAL PRODUCT CALCULATIONS (Plastpro Fiberglass Door)																					
Option Number	Description	Pane Thickness 1 (in.)	Low-e Pane 1	Gap Width 1 (in.)	Gap Fill 1	Pane Thickness 2 (in.)	Low-e Pane 2	Gap Width 2 (in.)	Gap Fill 2	Pane Thickness 3 (in.)	Low-e Pane 3	Tint	Spacer	Grid Type	U-Factor (Btu-in/hr-ft <sup>2</sup> -F)	SHGC - No Grids	VT - No Grids	SHGC - Grids < 1"	VT - Grids < 1"	SHGC - Grids > 1"	VT - Grids > 1"
1087	Full Lite: Default Steel Door Frame, Extreme Door: Impact Lite Frame: Gray Lami / Air / CS73 (3mm 090PVB 3mm/3mm) 1-7/32" IG	0.336		0.750	AIR	0.123	0.148(#3)					GY	A1-S	N	0.39	0.22	0.21				
1088	Full Lite: Default Steel Door Frame, Extreme Door: Impact Lite Frame: Lami / Air / E272 (3mm 090PVB 3mm/3mm) 1-7/32" IG	0.336		0.750	AIR	0.117	0.042(#3)					CL	CU-D	N	0.37	0.21	0.30				
1089	Full Lite: Default Steel Door Frame, Extreme Door: Impact Lite Frame: Gray Lami / Air / E272 (3mm 090PVB 3mm/3mm) 1-7/32" IG	0.336		0.750	AIR	0.117	0.042(#3)					GY	CU-D	N	0.37	0.16	0.20				
1090	Full Lite: Default Steel Door Frame, Extreme Door: Impact Lite Frame: Lami / Air / E366 (3mm 090PVB 3mm/3mm) 1-7/32" IG	0.336		0.750	AIR	0.118	0.02(#3)					CL	CU-D	N	0.36	0.17	0.27				



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Option Number	Description	Pane Thickness 1 (in.)	Low-e Pane 1	Gap Width 1 (in.)	Gap Fill 1	Pane Thickness 2 (in.)	Low-e Pane 2	Gap Width 2 (in.)	Gap Fill 2	Pane Thickness 3 (in.)	Low-e Pane 3	Tint	Spacer	Grid Type	U-Factor (Btu-in/hr-ft <sup>2</sup> -F)	SHGC - No Grids	VT - No Grids	SHGC - Grids < 1"	VT - Grids < 1"	SHGC - Grids > 1"	VT - Grids > 1"
1091	Full Lite: Default Steel Door Frame, Extreme Door: Injection Lite Frame: CL184 / Air / Clear (3mm/3mm) BBG 1" IG	0.124	0.121(#2)	0.750	AIR	0.123						CL	A1-D	N	0.44	0.23	0.28				
1092	Full Lite: Default Steel Door Frame, Extreme Door: Injection Lite Frame: Lami / Air / E366 (3mm 090PVB 3mm/3mm) 1" IG	0.336		0.550	AIR	0.118	0.02(#3)					CL	CU-D	N	0.38	0.17	0.27				
1093	1/4 Lite: Default Wood Door Frame, Standard Door: Injection Frame: E366 / Air / Clear (3mm/3mm) 1/2" IG	0.118	0.02(#2)	0.250	AIR	0.123						CL	CU-D	N	0.22	0.04	0.08				
1094	1/4 Lite: Default Wood Door Frame, Standard Door: Injection Frame: E366 / Air / Clear (3mm/3mm) 35/64" IG	0.118	0.02(#2)	0.313	AIR	0.118						CL	CU-D	N	0.21	0.04	0.08				
1095	1/4 Lite: Default Wood Door Frame, Standard Door: Injection Frame: E366 / Air / Clear (3mm/3mm) 35/64" IG	0.118	0.02(#2)	0.313	AIR	0.118						CL	CU-D	G	0.21			0.04	0.07	0.04	0.06

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TOTAL PRODUCT CALCULATIONS (Plastpro Fiberglass Door)																					
Option Number	Description	Pane Thickness 1 (in.)	Low-e Pane 1	Gap Width 1 (in.)	Gap Fill 1	Pane Thickness 2 (in.)	Low-e Pane 2	Gap Width 2 (in.)	Gap Fill 2	Pane Thickness 3 (in.)	Low-e Pane 3	Tint	Spacer	Grid Type	U-Factor (Btu-in/hr-ft <sup>2</sup> -F)	SHGC - No Grids	VT - No Grids	SHGC - Grids < 1"	VT - Grids < 1"	SHGC - Grids > 1"	VT - Grids > 1"
1096	1/4 Lite: Default Wood Door Frame, Standard Door: Injection Frame: E366 / Argon / Clear (3mm/3mm) 1/2" IG	0.118	0.02(#2)	0.250	ARG90	0.118						CL	CU-D	N	0.21	0.04	0.08				
1097	1/4 Lite: Default Wood Door Frame, Standard Door: Injection Frame: E366 / Argon / Clear (3mm/3mm) 35/64" IG	0.118	0.02(#2)	0.313	ARG90	0.118						CL	CU-D	N	0.20	0.04	0.08				
1098	1/4 Lite: Default Wood Door Frame, Standard Door: Injection Frame: E366 / Argon / Clear (3mm/3mm) 35/64" IG	0.118	0.02(#2)	0.313	ARG90	0.118						CL	CU-D	G	0.21			0.04	0.07	0.04	0.06
1099	1/4 Lite: Default Wood Door Frame, Standard Door: Injection Frame: E272 / Air / Clear (3mm/3mm) 3/4" IG	0.117	0.042(#2)	0.500	AIR	0.118						CL	CU-D	N,G	0.20	0.06	0.09	0.05	0.08	0.05	0.07
1100	1/4 Lite: Default Wood Door Frame, Standard Door: Injection Frame: E272 / Argon / Clear (3mm/3mm) 3/4" IG	0.117	0.042(#2)	0.500	ARG90	0.118						CL	CU-D	N,G	0.20	0.06	0.09	0.05	0.08	0.05	0.07

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TOTAL PRODUCT CALCULATIONS (Plastpro Fiberglass Door)																					
Option Number	Description	Pane Thickness 1 (in.)	Low-e Pane 1	Gap Width 1 (in.)	Gap Fill 1	Pane Thickness 2 (in.)	Low-e Pane 2	Gap Width 2 (in.)	Gap Fill 2	Pane Thickness 3 (in.)	Low-e Pane 3	Tint	Spacer	Grid Type	U-Factor (Btu-in/hr-ft2-F)	SHGC - No Grids	VT - No Grids	SHGC - Grids < 1"	VT - Grids < 1"	SHGC - Grids > 1"	VT - Grids > 1"
1101	1/4 Lite: Default Wood Door Frame, Standard Door: Injection Frame: E366 / Air / Clear (3mm/3mm) 3/4" IG	0.118	0.02(#2)	0.500	AIR	0.118						CL	CU-D	N,G	0.20	0.04	0.08	0.04	0.07	0.03	0.06
1102	1/4 Lite: Default Wood Door Frame, Standard Door: Injection Frame: E366 / Argon / Clear (3mm/3mm) 3/4" IG	0.118	0.02(#2)	0.500	ARG90	0.118						CL	CU-D	N,G	0.20	0.04	0.08	0.04	0.07	0.03	0.06
1103	1/4 Lite: Default Wood Door Frame, Standard Door: Injection Frame: CL184 / Argon / Deco / Argon / Clear (3mm/6mm/3mm) 1" IG	0.124	0.121(#2)	0.270	ARG90	0.225		0.270	ARG90	0.123		CL	A1-D	G	0.20			0.06	0.07		
1104	1/4 Lite: Default Wood Door Frame, Standard Door: Injection Frame: Lami / Argon / E272 (3mm 090PVB 3mm/3mm) 1" IG	0.311		0.550	ARG90	0.117	0.042(#3)					CL	CU-D	N,G	0.20	0.06	0.09	0.06	0.08	0.05	0.07
1105	1/4 Lite: Default Wood Door Frame, Standard Door: Injection Frame: Lami / Air / E366 (3mm 090PVB 3mm/3mm) 1" IG	0.311		0.550	AIR	0.118	0.02(#3)					CL	CU-D	N,G	0.20	0.05	0.08	0.05	0.07	0.04	0.06

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TOTAL PRODUCT CALCULATIONS (Plastpro Fiberglass Door)																					
Option Number	Description	Pane Thickness 1 (in.)	Low-e Pane 1	Gap Width 1 (in.)	Gap Fill 1	Pane Thickness 2 (in.)	Low-e Pane 2	Gap Width 2 (in.)	Gap Fill 2	Pane Thickness 3 (in.)	Low-e Pane 3	Tint	Spacer	Grid Type	U-Factor (Btu-in/hr-ft <sup>2</sup> -F)	SHGC - No Grids	VT - No Grids	SHGC - Grids < 1"	VT - Grids < 1"	SHGC - Grids > 1"	VT - Grids > 1"
1106	1/4 Lite: Default Wood Door Frame, Standard Door: Injection Frame: Lami / Argon / E366 (3mm 090PVB 3mm/3mm) 1" IG	0.311		0.550	ARG90	0.118	0.02(#3)					CL	CU-D	N,G	0.20	0.05	0.08	0.05	0.07	0.04	0.06
1107	1/4 Lite: Default Wood Door Frame, Standard Door: Impact frame: Lami / Air / Deco / Air / E272 (3mm 090PVB 3mm/6mm)/3mm 1-7/32" IG	0.311		0.270	AIR	0.225		0.270	AIR	0.117	0.042(#5)	CL	ZF-S	G	0.19			0.06	0.07		
1108	1/4 Lite: Default Wood Door Frame, Standard Door: Impact frame: Lami / Air / Deco / Air / CL184 (3mm 090PVB 3mm/6mm)/3mm 1-7/32" IG	0.311		0.270	AIR	0.225		0.270	AIR	0.124	0.121(#5)	CL	A1-D	G	0.20			0.06	0.07		
1109	1/4 Lite: Default Wood Door Frame, Standard Door: Impact frame: Lami / Argon / Deco / Argon / CL184 (3mm 090PVB 3mm/6mm)/3mm 1-7/32" IG	0.311		0.270	ARG90	0.225		0.270	ARG90	0.124	0.121(#5)	CL	A1-D	G	0.19			0.06	0.07		

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TOTAL PRODUCT CALCULATIONS (Plastpro Fiberglass Door)																					
Option Number	Description	Pane Thickness 1 (in.)	Low-e Pane 1	Gap Width 1 (in.)	Gap Fill 1	Pane Thickness 2 (in.)	Low-e Pane 2	Gap Width 2 (in.)	Gap Fill 2	Pane Thickness 3 (in.)	Low-e Pane 3	Tint	Spacer	Grid Type	U-Factor (Btu-in/hr-ft <sup>2</sup> -F)	SHGC - No Grids	VT - No Grids	SHGC - Grids < 1"	VT - Grids < 1"	SHGC - Grids > 1"	VT - Grids > 1"
1110	1/4 Lite: Default Wood Door Frame, Standard Door: Impact frame: Lami / Air / E272 (3mm 090PVB 3mm/3mm) 1-7/32" IG	0.311		0.750	AIR	0.117	0.042(#3)					CL	A1-D	N,G	0.20	0.06	0.09	0.06	0.08	0.05	0.07
1111	1/4 Lite: Default Wood Door Frame, Standard Door: Impact frame: Lami / Argon/ E272 (3mm 090PVB 3mm/3mm) 1-7/32" IG	0.311		0.750	ARG90	0.117	0.042(#3)					CL	CU-D	N,G	0.19	0.06	0.09	0.06	0.08	0.05	0.07
1112	1/4 Lite: Default Wood Door Frame, Standard Door: Impact frame: Lami / Air / E366 (3mm 090PVB 3mm/3mm) 1-7/32" IG	0.311		0.750	AIR	0.118	0.02(#3)					CL	A1-D	N,G	0.20	0.05	0.08	0.05	0.07	0.04	0.06
1113	1/4 Lite: Default Wood Door Frame, Standard Door: Impact frame: Lami / Air / E366 (3mm 090PVB 3mm/3mm) 1-7/32" IG	0.311		0.750	AIR	0.118	0.02(#3)					CL	CU-D	N,G	0.19	0.05	0.08	0.05	0.07	0.04	0.06

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Option Number	Description	Pane Thickness 1 (in.)	Low-e Pane 1	Gap Width 1 (in.)	Gap Fill 1	Pane Thickness 2 (in.)	Low-e Pane 2	Gap Width 2 (in.)	Gap Fill 2	Pane Thickness 3 (in.)	Low-e Pane 3	Tint	Spacer	Grid Type	U-Factor (Btu-in/hr-ft2-F)	SHGC - No Grids	VT - No Grids	SHGC - Grids < 1"	VT - Grids < 1"	SHGC - Grids > 1"	VT - Grids > 1"
1114	1/4 Lite: Default Wood Door Frame, Standard Door: Impact frame: Lami / Argon / E366 (3mm 090PVB 3mm/3mm) 1-7/32" IG	0.311		0.750	ARG90	0.118	0.02(#3)					CL	CU-D	N,G	0.19	0.05	0.08	0.05	0.07	0.04	0.06
1115	1/2 Lite: Default Wood Door Frame, Standard Door: Injection Frame: E366 / Air / Clear (3mm/3mm) 1/2" IG	0.118	0.02(#2)	0.250	AIR	0.123						CL	CU-D	N	0.25	0.08	0.15				
1116	1/2 Lite: Default Wood Door Frame, Standard Door: Injection Frame: E366 / Air / Clear (3mm/3mm) 35/64" IG	0.118	0.02(#2)	0.313	AIR	0.118						CL	CU-D	N	0.24	0.07	0.15				
1117	1/2 Lite: Default Wood Door Frame, Standard Door: Injection Frame: E366 / Air / Clear (3mm/3mm) 35/64" IG	0.118	0.02(#2)	0.313	AIR	0.118						CL	CU-D	G	0.25			0.07	0.13	0.06	0.11
1118	1/2 Lite: Default Wood Door Frame, Standard Door: Injection Frame: E366 / Argon / Clear (3mm/3mm) 1/2" IG	0.118	0.02(#2)	0.250	ARG90	0.118						CL	CU-D	N	0.24	0.07	0.15				

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TOTAL PRODUCT CALCULATIONS (Plastpro Fiberglass Door)																					
Option Number	Description	Pane Thickness 1 (in.)	Low-e Pane 1	Gap Width 1 (in.)	Gap Fill 1	Pane Thickness 2 (in.)	Low-e Pane 2	Gap Width 2 (in.)	Gap Fill 2	Pane Thickness 3 (in.)	Low-e Pane 3	Tint	Spacer	Grid Type	U-Factor (Btu-in/hr-ft2-F)	SHGC - No Grids	VT - No Grids	SHGC - Grids < 1"	VT - Grids < 1"	SHGC - Grids > 1"	VT - Grids > 1"
1119	1/2 Lite: Default Wood Door Frame, Standard Door: Injection Frame: E366 / Argon / Clear (3mm/3mm) 35/64" IG	0.118	0.02(#2)	0.313	ARG90	0.118						CL	CU-D	N	0.23	0.07	0.15				
1120	1/2 Lite: Default Wood Door Frame, Standard Door: Injection Frame: E366 / Argon / Clear (3mm/3mm) 35/64" IG	0.118	0.02(#2)	0.313	ARG90	0.118						CL	CU-D	G	0.23			0.07	0.13	0.06	0.11
1121	1/2 Lite: Default Wood Door Frame, Standard Door: Injection Frame: E272 / Air / Clear (3mm/3mm) 3/4" IG	0.117	0.042(#2)	0.500	AIR	0.118						CL	CU-D	N,G	0.23	0.11	0.17	0.09	0.15	0.08	0.13
1122	1/2 Lite: Default Wood Door Frame, Standard Door: Injection Frame: E272 / Argon / Clear (3mm/3mm) 3/4" IG	0.117	0.042(#2)	0.500	ARG90	0.118						CL	CU-D	N,G	0.22	0.10	0.17	0.09	0.15	0.08	0.13
1123	1/2 Lite: Default Wood Door Frame, Standard Door: Injection Frame: E366 / Air / Clear (3mm/3mm) 3/4" IG	0.118	0.02(#2)	0.500	AIR	0.118						CL	CU-D	N,G	0.23	0.07	0.15	0.06	0.13	0.06	0.11

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TOTAL PRODUCT CALCULATIONS (Plastpro Fiberglass Door)																					
Option Number	Description	Pane Thickness 1 (in.)	Low-e Pane 1	Gap Width 1 (in.)	Gap Fill 1	Pane Thickness 2 (in.)	Low-e Pane 2	Gap Width 2 (in.)	Gap Fill 2	Pane Thickness 3 (in.)	Low-e Pane 3	Tint	Spacer	Grid Type	U-Factor (Btu-in/hr-ft <sup>2</sup> -F)	SHGC - No Grids	VT - No Grids	SHGC - Grids < 1"	VT - Grids < 1"	SHGC - Grids > 1"	VT - Grids > 1"
1124	1/2 Lite: Default Wood Door Frame, Standard Door: Injection Frame: E366 / Argon / Clear (3mm/3mm) 3/4" IG	0.118	0.02(#2)	0.500	ARG90	0.118						CL	CU-D	N,G	0.22	0.07	0.15	0.06	0.13	0.06	0.11
1125	1/2 Lite: Default Wood Door Frame, Standard Door: Injection Frame: CL184 / Argon / Deco / Argon / Clear (3mm/6mm/3mm) 1" IG	0.124	0.121(#2)	0.270	ARG90	0.225		0.270	ARG90	0.123		CL	A1-D	G	0.23			0.12	0.14		
1126	1/2 Lite: Default Wood Door Frame, Standard Door: Injection Frame: Lami / Argon / E272 (3mm 090PVB 3mm/3mm) 1" IG	0.311		0.550	ARG90	0.117	0.042(#3)					CL	CU-D	N,G	0.22	0.12	0.17	0.10	0.14	0.09	0.12
1127	1/2 Lite: Default Wood Door Frame, Standard Door: Injection Frame: Lami / Air / E366 (3mm 090PVB 3mm/3mm) 1" IG	0.311		0.550	AIR	0.118	0.02(#3)					CL	CU-D	N,G	0.23	0.10	0.15	0.08	0.13	0.07	0.11
1128	1/2 Lite: Default Wood Door Frame, Standard Door: Injection Frame: Lami / Argon / E366 (3mm 090PVB 3mm/3mm) 1" IG	0.311		0.550	ARG90	0.118	0.02(#3)					CL	CU-D	N,G	0.22	0.10	0.15	0.08	0.13	0.07	0.11



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**SIMULATION RESULTS**

TOTAL PRODUCT CALCULATIONS (Plastpro Fiberglass Door)																					
Option Number	Description	Pane Thickness 1 (in.)	Low-e Pane 1	Gap Width 1 (in.)	Gap Fill 1	Pane Thickness 2 (in.)	Low-e Pane 2	Gap Width 2 (in.)	Gap Fill 2	Pane Thickness 3 (in.)	Low-e Pane 3	Tint	Spacer	Grid Type	U-Factor (Btu-in/hr-ft <sup>2</sup> -F)	SHGC - No Grids	VT - No Grids	SHGC - Grids < 1"	VT - Grids < 1"	SHGC - Grids > 1"	VT - Grids > 1"
1129	1/2 Lite: Default Wood Door Frame, Standard Door: Impact frame: Lami / Air / Deco / Air / E272 (3mm 090PVB 3mm/6mm)/3mm 1-7/32" IG	0.311		0.270	AIR	0.225		0.270	AIR	0.117	0.042(#5)	CL	ZF-S	G	0.21			0.10	0.13		
1130	1/2 Lite: Default Wood Door Frame, Standard Door: Impact frame: Lami / Air / Deco / Air / CL184 (3mm 090PVB 3mm/6mm)/3mm 1-7/32" IG	0.311		0.270	AIR	0.225		0.270	AIR	0.124	0.121(#5)	CL	A1-D	G	0.22			0.12	0.14		
1131	1/2 Lite: Default Wood Door Frame, Standard Door: Impact frame: Lami / Argon / Deco / Argon / CL184 (3mm 090PVB 3mm/6mm)/3mm 1-7/32" IG	0.311		0.270	ARG90	0.225		0.270	ARG90	0.124	0.121(#5)	CL	A1-D	G	0.21			0.12	0.14		
1132	1/2 Lite: Default Wood Door Frame, Standard Door: Impact frame: Lami / Air / E272 (3mm 090PVB 3mm/3mm) 1-7/32" IG	0.311		0.750	AIR	0.117	0.042(#3)					CL	A1-D	N,G	0.22	0.12	0.17	0.10	0.14	0.09	0.12

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TOTAL PRODUCT CALCULATIONS (Plastpro Fiberglass Door)																					
Option Number	Description	Pane Thickness 1 (in.)	Low-e Pane 1	Gap Width 1 (in.)	Gap Fill 1	Pane Thickness 2 (in.)	Low-e Pane 2	Gap Width 2 (in.)	Gap Fill 2	Pane Thickness 3 (in.)	Low-e Pane 3	Tint	Spacer	Grid Type	U-Factor (Btu-in/hr-ft <sup>2</sup> -F)	SHGC - No Grids	VT - No Grids	SHGC - Grids < 1"	VT - Grids < 1"	SHGC - Grids > 1"	VT - Grids > 1"
1133	1/2 Lite: Default Wood Door Frame, Standard Door: Impact frame: Lami / Argon/ E272 (3mm 090PVB 3mm/3mm) 1- 7/32" IG	0.311		0.750	ARG90	0.117	0.042(#3)					CL	CU-D	N,G	0.21	0.12	0.17	0.10	0.14	0.09	0.12
1134	1/2 Lite: Default Wood Door Frame, Standard Door: Impact frame: Lami / Air / E366 (3mm 090PVB 3mm/3mm) 1-7/32" IG	0.311		0.750	AIR	0.118	0.02(#3)					CL	A1-D	N,G	0.22	0.10	0.15	0.08	0.13	0.07	0.11
1135	1/2 Lite: Default Wood Door Frame, Standard Door: Impact frame: Lami / Air / E366 (3mm 090PVB 3mm/3mm) 1-7/32" IG	0.311		0.750	AIR	0.118	0.02(#3)					CL	CU-D	N,G	0.22	0.10	0.15	0.08	0.13	0.07	0.11
1136	1/2 Lite: Default Wood Door Frame, Standard Door: Impact frame: Lami / Argon / E366 (3mm 090PVB 3mm/3mm) 1-7/32" IG	0.311		0.750	ARG90	0.118	0.02(#3)					CL	CU-D	N,G	0.21	0.10	0.15	0.08	0.13	0.07	0.11

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TOTAL PRODUCT CALCULATIONS (Plastpro Fiberglass Door)																					
Option Number	Description	Pane Thickness 1 (in.)	Low-e Pane 1	Gap Width 1 (in.)	Gap Fill 1	Pane Thickness 2 (in.)	Low-e Pane 2	Gap Width 2 (in.)	Gap Fill 2	Pane Thickness 3 (in.)	Low-e Pane 3	Tint	Spacer	Grid Type	U-Factor (Btu-in/hr-ft2-F)	SHGC - No Grids	VT - No Grids	SHGC - Grids < 1"	VT - Grids < 1"	SHGC - Grids > 1"	VT - Grids > 1"
1137	3/4 Lite: Default Wood Door Frame, Standard Door: Injection Frame: E366 / Air / Clear (3mm/3mm) 1/2" IG	0.118	0.02(#2)	0.250	AIR	0.123						CL	CU-D	N	0.28	0.10	0.21				
1138	3/4 Lite: Default Wood Door Frame, Standard Door: Injection Frame: E366 / Air / Clear (3mm/3mm) 35/64" IG	0.118	0.02(#2)	0.313	AIR	0.118						CL	CU-D	N	0.27	0.10	0.21				
1139	3/4 Lite: Default Wood Door Frame, Standard Door: Injection Frame: E366 / Air / Clear (3mm/3mm) 35/64" IG	0.118	0.02(#2)	0.313	AIR	0.118						CL	CU-D	G	0.28			0.09	0.18	0.08	0.15
1140	3/4 Lite: Default Wood Door Frame, Standard Door: Injection Frame: E366 / Argon / Clear (3mm/3mm) 1/2" IG	0.118	0.02(#2)	0.250	ARG90	0.118						CL	CU-D	N	0.26	0.10	0.21				
1141	3/4 Lite: Default Wood Door Frame, Standard Door: Injection Frame: E366 / Argon / Clear (3mm/3mm) 35/64" IG	0.118	0.02(#2)	0.313	ARG90	0.118						CL	CU-D	N	0.24	0.09	0.21				

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TOTAL PRODUCT CALCULATIONS (Plastpro Fiberglass Door)																					
Option Number	Description	Pane Thickness 1 (in.)	Low-e Pane 1	Gap Width 1 (in.)	Gap Fill 1	Pane Thickness 2 (in.)	Low-e Pane 2	Gap Width 2 (in.)	Gap Fill 2	Pane Thickness 3 (in.)	Low-e Pane 3	Tint	Spacer	Grid Type	U-Factor (Btu-in/hr-ft <sup>2</sup> -F)	SHGC - No Grids	VT - No Grids	SHGC - Grids < 1"	VT - Grids < 1"	SHGC - Grids > 1"	VT - Grids > 1"
1142	3/4 Lite: Default Wood Door Frame, Standard Door: Injection Frame: E366 / Argon / Clear (3mm/3mm) 35/64" IG	0.118	0.02(#2)	0.313	ARG90	0.118						CL	CU-D	G	0.25			0.08	0.18	0.08	0.15
1143	3/4 Lite: Default Wood Door Frame, Standard Door: Injection Frame: E272 / Air / Clear (3mm/3mm) 3/4" IG	0.117	0.042(#2)	0.500	AIR	0.118						CL	CU-D	N,G	0.25	0.14	0.23	0.12	0.20	0.11	0.17
1144	3/4 Lite: Default Wood Door Frame, Standard Door: Injection Frame: E272 / Argon / Clear (3mm/3mm) 3/4" IG	0.117	0.042(#2)	0.500	ARG90	0.118						CL	CU-D	N,G	0.23	0.14	0.23	0.12	0.20	0.11	0.17
1145	3/4 Lite: Default Wood Door Frame, Standard Door: Injection Frame: E366 / Air / Clear (3mm/3mm) 3/4" IG	0.118	0.02(#2)	0.500	AIR	0.118						CL	CU-D	N,G	0.25	0.09	0.21	0.08	0.18	0.08	0.15
1146	3/4 Lite: Default Wood Door Frame, Standard Door: Injection Frame: E366 / Argon / Clear (3mm/3mm) 3/4" IG	0.118	0.02(#2)	0.500	ARG90	0.118						CL	CU-D	N,G	0.23	0.09	0.21	0.08	0.18	0.07	0.15

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TOTAL PRODUCT CALCULATIONS (Plastpro Fiberglass Door)																					
Option Number	Description	Pane Thickness 1 (in.)	Low-e Pane 1	Gap Width 1 (in.)	Gap Fill 1	Pane Thickness 2 (in.)	Low-e Pane 2	Gap Width 2 (in.)	Gap Fill 2	Pane Thickness 3 (in.)	Low-e Pane 3	Tint	Spacer	Grid Type	U-Factor (Btu-in/hr-ft2-F)	SHGC - No Grids	VT - No Grids	SHGC - Grids < 1"	VT - Grids < 1"	SHGC - Grids > 1"	VT - Grids > 1"
1147	3/4 Lite: Default Wood Door Frame, Standard Door: Injection Frame: CL184 / Argon / Deco / Argon / Clear (3mm/6mm/3mm) 1" IG	0.124	0.121(#2)	0.270	ARG90	0.225		0.270	ARG90	0.123		CL	A1-D	G	0.24			0.15	0.19		
1148	3/4 Lite: Default Wood Door Frame, Standard Door: Injection Frame: Lami / Argon / E272 (3mm 090PVB 3mm/3mm) 1" IG	0.311		0.550	ARG90	0.117	0.042(#3)					CL	CU-D	N,G	0.23	0.16	0.22	0.14	0.19	0.12	0.17
1149	3/4 Lite: Default Wood Door Frame, Standard Door: Injection Frame: Lami / Air / E366 (3mm 090PVB 3mm/3mm) 1" IG	0.311		0.550	AIR	0.118	0.02(#3)					CL	CU-D	N,G	0.24	0.13	0.20	0.11	0.18	0.10	0.15
1150	3/4 Lite: Default Wood Door Frame, Standard Door: Injection Frame: Lami / Argon / E366 (3mm 090PVB 3mm/3mm) 1" IG	0.311		0.550	ARG90	0.118	0.02(#3)					CL	CU-D	N,G	0.23	0.13	0.20	0.11	0.18	0.10	0.15
1151	3/4 Lite: Default Wood Door Frame, Standard Door: Impact frame: Lami / Air / Deco / Air / E272 (3mm 090PVB 3mm/6mm)/3mm 1-7/32" IG	0.311		0.270	AIR	0.225		0.270	AIR	0.117	0.042(#5)	CL	ZF-S	G	0.22			0.13	0.17		

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TOTAL PRODUCT CALCULATIONS (Plastpro Fiberglass Door)																					
Option Number	Description	Pane Thickness 1 (in.)	Low-e Pane 1	Gap Width 1 (in.)	Gap Fill 1	Pane Thickness 2 (in.)	Low-e Pane 2	Gap Width 2 (in.)	Gap Fill 2	Pane Thickness 3 (in.)	Low-e Pane 3	Tint	Spacer	Grid Type	U-Factor (Btu-in/hr-ft <sup>2</sup> -F)	SHGC - No Grids	VT - No Grids	SHGC - Grids < 1"	VT - Grids < 1"	SHGC - Grids > 1"	VT - Grids > 1"
1152	3/4 Lite: Default Wood Door Frame, Standard Door: Impact frame: Lami / Air / Deco / Air / CL184 (3mm 090PVB 3mm/6mm)/3mm 1-7/32" IG	0.311		0.270	AIR	0.225		0.270	AIR	0.124	0.121(#5)	CL	A1-D	G	0.24			0.15	0.18		
1153	3/4 Lite: Default Wood Door Frame, Standard Door: Impact frame: Lami / Argon / Deco / Argon / CL184 (3mm 090PVB 3mm/6mm)/3mm 1-7/32" IG	0.311		0.270	ARG90	0.225		0.270	ARG90	0.124	0.121(#5)	CL	A1-D	G	0.22			0.15	0.18		
1154	3/4 Lite: Default Wood Door Frame, Standard Door: Impact frame: Lami / Air / E272 (3mm 090PVB 3mm/3mm) 1-7/32" IG	0.311		0.750	AIR	0.117	0.042(#3)					CL	A1-D	N,G	0.24	0.16	0.22	0.14	0.19	0.12	0.17
1155	3/4 Lite: Default Wood Door Frame, Standard Door: Impact frame: Lami / Argon / E272 (3mm 090PVB 3mm/3mm) 1-7/32" IG	0.311		0.750	ARG90	0.117	0.042(#3)					CL	CU-D	N,G	0.22	0.16	0.22	0.14	0.19	0.12	0.17

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TOTAL PRODUCT CALCULATIONS (Plastpro Fiberglass Door)																					
Option Number	Description	Pane Thickness 1 (in.)	Low-e Pane 1	Gap Width 1 (in.)	Gap Fill 1	Pane Thickness 2 (in.)	Low-e Pane 2	Gap Width 2 (in.)	Gap Fill 2	Pane Thickness 3 (in.)	Low-e Pane 3	Tint	Spacer	Grid Type	U-Factor (Btu-in/hr-ft <sup>2</sup> -F)	SHGC - No Grids	VT - No Grids	SHGC - Grids < 1"	VT - Grids < 1"	SHGC - Grids > 1"	VT - Grids > 1"
1156	3/4 Lite: Default Wood Door Frame, Standard Door: Impact frame: Lami / Air / E366 (3mm 090PVB 3mm/3mm) 1-7/32" IG	0.311		0.750	AIR	0.118	0.02(#3)					CL	A1-D	N,G	0.24	0.13	0.20	0.11	0.18	0.10	0.15
1157	3/4 Lite: Default Wood Door Frame, Standard Door: Impact frame: Lami / Air / E366 (3mm 090PVB 3mm/3mm) 1-7/32" IG	0.311		0.750	AIR	0.118	0.02(#3)					CL	CU-D	N,G	0.23	0.13	0.20	0.11	0.18	0.10	0.15
1158	3/4 Lite: Default Wood Door Frame, Standard Door: Impact frame: Lami / Argon / E366 (3mm 090PVB 3mm/3mm) 1-7/32" IG	0.311		0.750	ARG90	0.118	0.02(#3)					CL	CU-D	N,G	0.22	0.13	0.20	0.11	0.18	0.10	0.15
1159	Full Lite: Default Wood Door Frame, Standard Door: Injection Frame: E366 / Air / Clear (3mm/3mm) 1/2" IG	0.118	0.02(#2)	0.250	AIR	0.123						CL	CU-D	N	0.32	0.13	0.27				
1160	Full Lite: Default Wood Door Frame, Standard Door: Injection Frame: E366 / Air / Clear (3mm/3mm) 35/64" IG	0.118	0.02(#2)	0.313	AIR	0.118						CL	CU-D	N	0.30	0.13	0.28				

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TOTAL PRODUCT CALCULATIONS (Plastpro Fiberglass Door)																					
Option Number	Description	Pane Thickness 1 (in.)	Low-e Pane 1	Gap Width 1 (in.)	Gap Fill 1	Pane Thickness 2 (in.)	Low-e Pane 2	Gap Width 2 (in.)	Gap Fill 2	Pane Thickness 3 (in.)	Low-e Pane 3	Tint	Spacer	Grid Type	U-Factor (Btu-in/hr-ft <sup>2</sup> -F)	SHGC - No Grids	VT - No Grids	SHGC - Grids < 1"	VT - Grids < 1"	SHGC - Grids > 1"	VT - Grids > 1"
1161	Full Lite: Default Wood Door Frame, Standard Door: Injection Frame: E366 / Air / Clear (3mm/3mm) 35/64" IG	0.118	0.02(#2)	0.313	AIR	0.118						CL	CU-D	G	0.31			0.11	0.24	0.10	0.21
1162	Full Lite: Default Wood Door Frame, Standard Door: Injection Frame: E366 / Argon / Clear (3mm/3mm) 1/2" IG	0.118	0.02(#2)	0.250	ARG90	0.118						CL	CU-D	N	0.29	0.13	0.28				
1163	Full Lite: Default Wood Door Frame, Standard Door: Injection Frame: E366 / Argon / Clear (3mm/3mm) 35/64" IG	0.118	0.02(#2)	0.313	ARG90	0.118						CL	CU-D	N	0.27	0.12	0.28				
1164	Full Lite: Default Wood Door Frame, Standard Door: Injection Frame: E366 / Argon / Clear (3mm/3mm) 35/64" IG	0.118	0.02(#2)	0.313	ARG90	0.118						CL	CU-D	G	0.28			0.11	0.24	0.10	0.21
1165	Full Lite: Default Wood Door Frame, Standard Door: Injection Frame: E272 / Air / Clear (3mm/3mm) 3/4" IG	0.117	0.042(#2)	0.500	AIR	0.118						CL	CU-D	N,G	0.27	0.18	0.31	0.16	0.27	0.14	0.23



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TOTAL PRODUCT CALCULATIONS (Plastpro Fiberglass Door)																					
Option Number	Description	Pane Thickness 1 (in.)	Low-e Pane 1	Gap Width 1 (in.)	Gap Fill 1	Pane Thickness 2 (in.)	Low-e Pane 2	Gap Width 2 (in.)	Gap Fill 2	Pane Thickness 3 (in.)	Low-e Pane 3	Tint	Spacer	Grid Type	U-Factor (Btu-in/hr-ft <sup>2</sup> -F)	SHGC - No Grids	VT - No Grids	SHGC - Grids < 1"	VT - Grids < 1"	SHGC - Grids > 1"	VT - Grids > 1"
1166	Full Lite: Default Wood Door Frame, Standard Door: Injection Frame: E272 / Argon / Clear (3mm/3mm) 3/4" IG	0.117	0.042(#2)	0.500	ARG90	0.118						CL	CU-D	N,G	0.25	0.18	0.31	0.16	0.27	0.14	0.23
1167	Full Lite: Default Wood Door Frame, Standard Door: Injection Frame: E366 / Air / Clear (3mm/3mm) 3/4" IG	0.118	0.02(#2)	0.500	AIR	0.118						CL	CU-D	N,G	0.27	0.12	0.28	0.11	0.24	0.10	0.21
1168	Full Lite: Default Wood Door Frame, Standard Door: Injection Frame: E366 / Argon / Clear (3mm/3mm) 3/4" IG	0.118	0.02(#2)	0.500	ARG90	0.118						CL	CU-D	N,G	0.25	0.12	0.28	0.11	0.24	0.10	0.21
1169	Full Lite: Default Wood Door Frame, Standard Door: Injection Frame: CL184 / Argon / Deco / Argon / Clear (3mm/6mm/3mm) 1" IG	0.124	0.121(#2)	0.270	ARG90	0.225		0.270	ARG90	0.123		CL	A1-D	G	0.26			0.20	0.25		
1170	Full Lite: Default Wood Door Frame, Standard Door: Injection Frame: Lami / Argon / E272 (3mm 090PVB 3mm/3mm) 1" IG	0.311		0.550	ARG90	0.117	0.042(#3)					CL	CU-D	N,G	0.25	0.21	0.30	0.18	0.26	0.16	0.23

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TOTAL PRODUCT CALCULATIONS (Plastpro Fiberglass Door)																					
Option Number	Description	Pane Thickness 1 (in.)	Low-e Pane 1	Gap Width 1 (in.)	Gap Fill 1	Pane Thickness 2 (in.)	Low-e Pane 2	Gap Width 2 (in.)	Gap Fill 2	Pane Thickness 3 (in.)	Low-e Pane 3	Tint	Spacer	Grid Type	U-Factor (Btu-in/hr-ft <sup>2</sup> -F)	SHGC - No Grids	VT - No Grids	SHGC - Grids < 1"	VT - Grids < 1"	SHGC - Grids > 1"	VT - Grids > 1"
1171	Full Lite: Default Wood Door Frame, Standard Door: Injection Frame: Lami / Air / E366 (3mm 090PVB 3mm/3mm) 1" IG	0.311		0.550	AIR	0.118	0.02(#3)					CL	CU-D	N,G	0.27	0.16	0.27	0.15	0.24	0.13	0.20
1172	Full Lite: Default Wood Door Frame, Standard Door: Injection Frame: Lami / Argon / E366 (3mm 090PVB 3mm/3mm) 1" IG	0.311		0.550	ARG90	0.118	0.02(#3)					CL	CU-D	N,G	0.25	0.16	0.27	0.15	0.24	0.13	0.20
1173	Full Lite: Default Wood Door Frame, Standard Door: Impact frame: Lami / Air / Deco / Air / E272 (3mm 090PVB 3mm/6mm)/3mm 1-7/32" IG	0.311		0.270	AIR	0.225		0.270	AIR	0.117	0.042(#5)	CL	ZF-S	G	0.24			0.17	0.23		
1174	Full Lite: Default Wood Door Frame, Standard Door: Impact frame: Lami / Air / Deco / Air / CL184 (3mm 090PVB 3mm/6mm)/3mm 1-7/32" IG	0.311		0.270	AIR	0.225		0.270	AIR	0.124	0.121(#5)	CL	A1-D	G	0.26			0.20	0.25		

**TEST REPORT FOR RSL, LLC**

Report No.: M1810.03-116-45 R0

Date: 06/14/23

**SECTION 6**

**SIMULATION RESULTS**

TOTAL PRODUCT CALCULATIONS (Plastpro Fiberglass Door)																					
Option Number	Description	Pane Thickness 1 (in.)	Low-e Pane 1	Gap Width 1 (in.)	Gap Fill 1	Pane Thickness 2 (in.)	Low-e Pane 2	Gap Width 2 (in.)	Gap Fill 2	Pane Thickness 3 (in.)	Low-e Pane 3	Tint	Spacer	Grid Type	U-Factor (Btu-in/hr-ft2-F)	SHGC - No Grids	VT - No Grids	SHGC - Grids < 1"	VT - Grids < 1"	SHGC - Grids > 1"	VT - Grids > 1"
1175	Full Lite: Default Wood Door Frame, Standard Door: Impact frame: Lami / Argon / Deco / Argon / CL184 (3mm 090PVB 3mm/6mm)/3mm 1-7/32" IG	0.311		0.270	ARG90	0.225		0.270	ARG90	0.124	0.121(#5)	CL	A1-D	G	0.24			0.20	0.25		
1176	Full Lite: Default Wood Door Frame, Standard Door: Impact frame: Lami / Air / E272 (3mm 090PVB 3mm/3mm) 1-7/32" IG	0.311		0.750	AIR	0.117	0.042(#3)					CL	A1-D	N,G	0.26	0.21	0.30	0.18	0.26	0.16	0.23
1177	Full Lite: Default Wood Door Frame, Standard Door: Impact frame: Lami / Argon/ E272 (3mm 090PVB 3mm/3mm) 1- 7/32" IG	0.311		0.750	ARG90	0.117	0.042(#3)					CL	CU-D	N,G	0.24	0.21	0.30	0.18	0.26	0.16	0.23
1178	Full Lite: Default Wood Door Frame, Standard Door: Impact frame: Lami / Air / E366 (3mm 090PVB 3mm/3mm) 1-7/32" IG	0.311		0.750	AIR	0.118	0.02(#3)					CL	A1-D	N,G	0.26	0.16	0.27	0.15	0.24	0.13	0.20

**TEST REPORT FOR RSL, LLC**

Report No.: M1810.03-116-45 R0

Date: 06/14/23

**SECTION 6**

**SIMULATION RESULTS**

TOTAL PRODUCT CALCULATIONS (Plastpro Fiberglass Door)																					
Option Number	Description	Pane Thickness 1 (in.)	Low-e Pane 1	Gap Width 1 (in.)	Gap Fill 1	Pane Thickness 2 (in.)	Low-e Pane 2	Gap Width 2 (in.)	Gap Fill 2	Pane Thickness 3 (in.)	Low-e Pane 3	Tint	Spacer	Grid Type	U-Factor (Btu-in/hr-ft <sup>2</sup> -F)	SHGC - No Grids	VT - No Grids	SHGC - Grids < 1"	VT - Grids < 1"	SHGC - Grids > 1"	VT - Grids > 1"
1179	Full Lite: Default Wood Door Frame, Standard Door: Impact frame: Lami / Air / E366 (3mm 090PVB 3mm/3mm) 1-7/32" IG	0.311		0.750	AIR	0.118	0.02(#3)					CL	CU-D	N,G	0.25	0.16	0.27	0.15	0.24	0.13	0.20
1180	Full Lite: Default Wood Door Frame, Standard Door: Impact frame: Lami / Argon / E366 (3mm 090PVB 3mm/3mm) 1-7/32" IG	0.311		0.750	ARG90	0.118	0.02(#3)					CL	CU-D	N,G	0.23	0.16	0.27	0.15	0.24	0.13	0.20



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York, PA, 17406

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**TEST REPORT FOR RSL, LLC**

Report No.: M1810.03-116-45 R0

Date: 06/14/23

**SECTION 7**

**DRAWINGS / BILL OF MATERIALS**

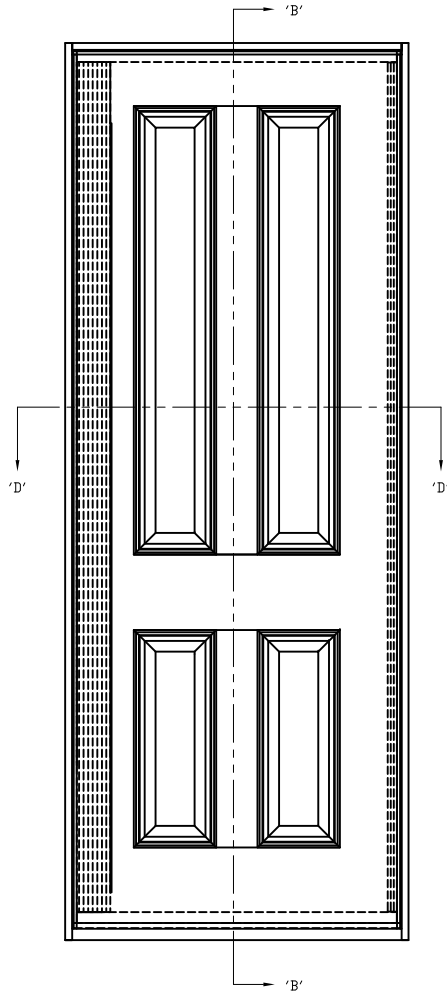
The drawings which follow have been reviewed by Intertek B&C and are representative of the simulation result(s) reported herein. Any deviations are documented herein or on the drawings.

# PLASTPRO INC.

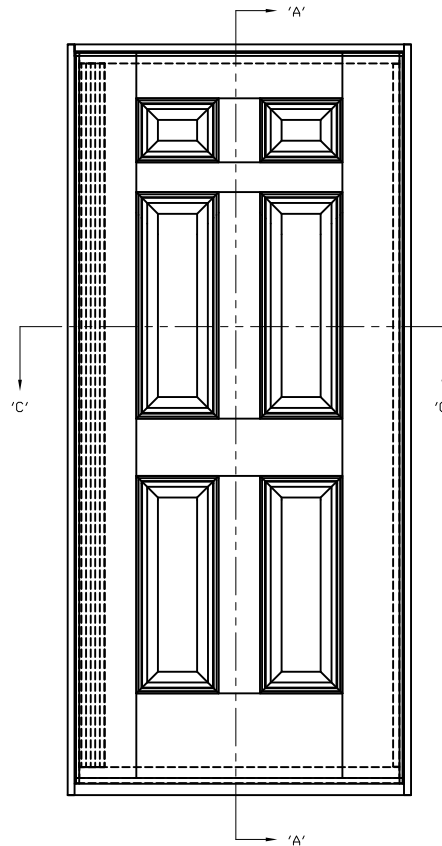
5200 W. CENTURY BLVD  
 LOS ANGELES, CA 90045  
 PH: 800-779-0561 FAX: 973-758-4001

## STANDARD FIBERGLASS DOOR

ITEM	DESCRIPTION	MATERIAL
1	THRESHOLD	COMPOSITE (SEE PART DRAWING)
2	DOOR SWEEP	VINYL
3	TOP RAIL	PLASTPRO CELLULAR MATERIAL
4	HEAD & JAMBS	PLASTPRO CELLULAR MATERIAL
5	POLYURETHANE FOAM	POLYURETHANE
6	SKIN (0.075" THICK)	FIBERGLASS
7	WEATHERSTRIPPING	FOAM
8	STILE CAP	PVC
9	REINFORCEMENT	WOOD
10	REINFORCEMENT	STEEL
11	REINFORCEMENT	WOOD
12	REINFORCEMENT	WOOD
13	REINFORCEMENT	WOOD
14	BOTTOM RAIL	PLASTPRO CELLULAR MATERIAL



3-0 8-0 STANDARD DOOR



3-0 6-8 STANDARD DOOR

Plastpro, INC. CORPORATE ENGINEERING & DEVELOPMENT ASHTABULA, OHIO				
DESCRIPTION		STANDARD FIBERGLASS DOOR EXTERIOR ELEVATION & BDM		
APPROVAL	INITIALS	DATE	SCALE: 1/22	SHEET: 1 OF 5
QUALITY CONTROL			DRAWN BY:	DATE:
PLANT ENGINEER			J. MILLER	12/13/2010
PLANT MANAGER			FRIEDMAN SKU & CAD#	REV.
HQ ENGINEERING			PL-NFRC-10-0001	00

REV.	DATE	NAME	DESCRIPTION

# PLASTPRO INC.

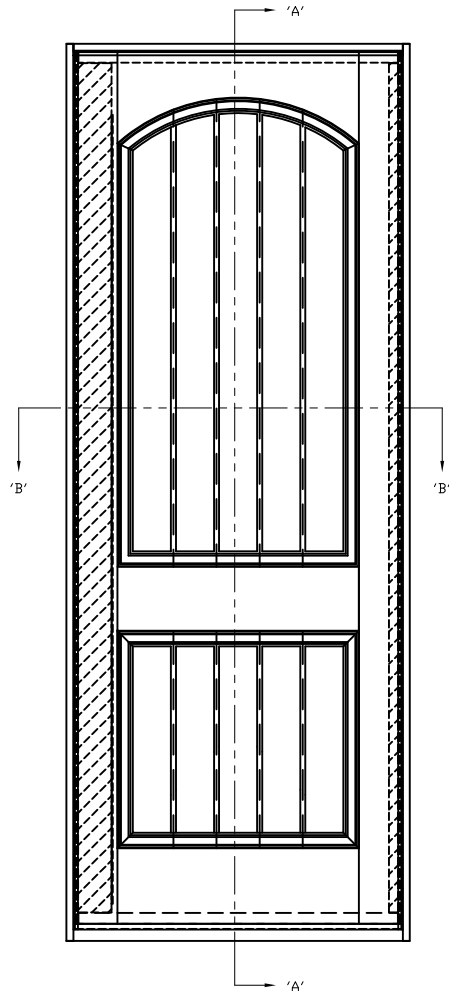
5200 W. CENTURY BLVD

LOS ANGELES, CA 90045

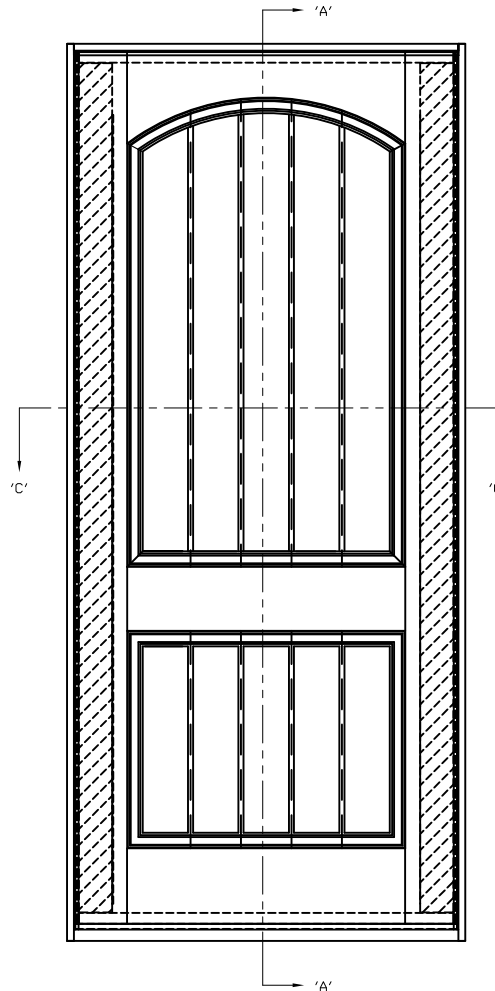
PH: 800-779-0561 FAX: 973-758-4001

## RUSTIC FIBERGLASS DOOR

ITEM	DESCRIPTION	MATERIAL
1	THRESHOLD	COMPOSITE (SEE PART DRAWING)
2	DOOR SWEEP	VINYL
3	TOP & BOTTOM RAIL	PLASTPRO CELLULAR MATERIAL
4	HEAD & JAMBS	PLASTPRO CELLULAR MATERIAL
5	POLYURETHANE FOAM	POLYURETHANE
6	SKIN (0.100" THICK)	FIBERGLASS
7	WEATHERSTRIPPING	FOAM
8	STILE CAP	PVC
9	REINFORCEMENT	WOOD
10	REINFORCEMENT	STEEL
11	REINFORCEMENT	WOOD
12		
13		



3-0 8-0  
RUSTIC DOOR



3-6 8-0  
RUSTIC DOOR

Plastpro, INC. CORPORATE ENGINEERING & DEVELOPMENT ASHTABULA, OHIO				
DESCRIPTION		RUSTIC FIBERGLASS DOOR EXTERIOR ELEVATION & BDM		
APPROVAL	INITIALS	DATE	SCALE: 1/22	SHEET: 1 OF 4
QUALITY CONTROL			DRAWN BY:	DATE:
PLANT ENGINEER			J. MILLER	12/27/10
PLANT MANAGER			FRIEDMAN SKU & CAD#	REV.
HQ ENGINEERING			PL-NFRC-10-0002	00

REV.	DATE	NAME	DESCRIPTION

# PLASTPRO INC.

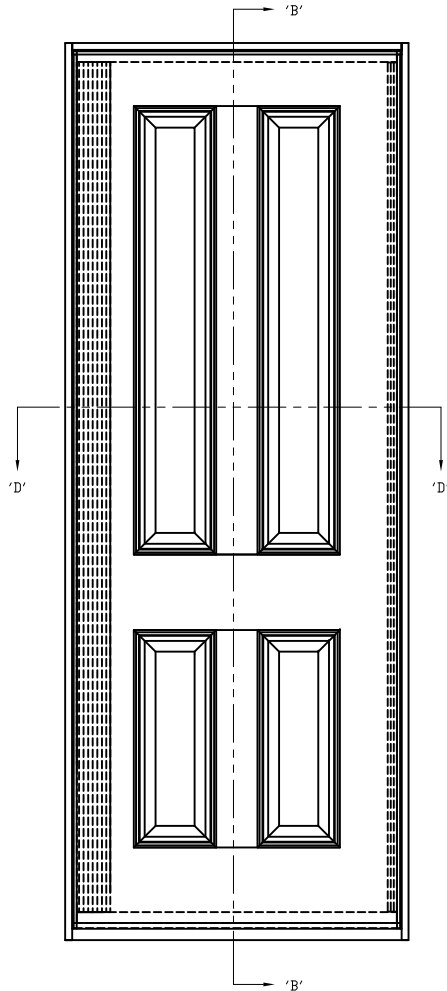
5200 W. CENTURY BLVD

LOS ANGELES, CA 90045

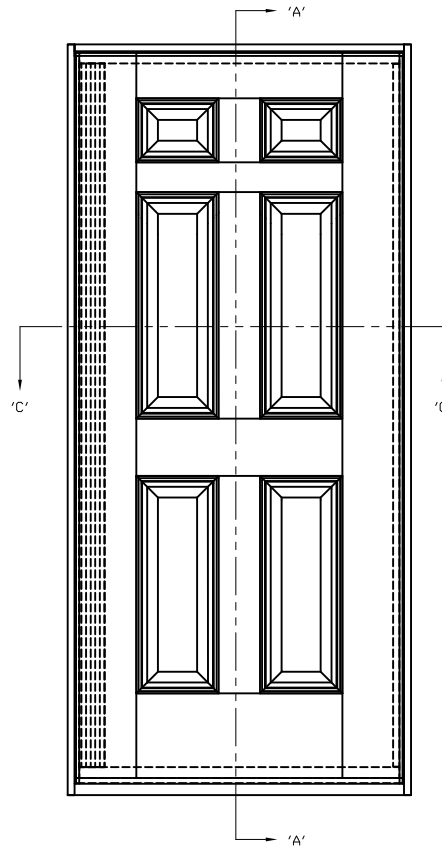
PH: 800-779-0561 FAX: 973-758-4001

## FIBERGLASS IMPACT DOOR

ITEM	DESCRIPTION	MATERIAL
1	THRESHOLD	COMPOSITE (SEE PART DRAWING)
2	DOOR SWEEP	VINYL
3	TOP & BOTTOM RAIL	PLASTPRO CELLULAR MATERIAL
4	HEAD & JAMBS	PLASTPRO CELLULAR MATERIAL
5	POLYURETHANE FOAM	POLYURETHANE
6	SKIN (0.125" THICK)	FIBERGLASS
7	WEATHERSTRIPPING	FOAM
8	STILE CAP	PVC
9	REINFORCEMENT	WOOD
10	NOT USED	N/A
11	REINFORCEMENT	WOOD
12	REINFORCEMENT	WOOD
13	REINFORCEMENT	WOOD



3-0 8-0 IMPACT DOOR



3-0 6-8 IMPACT DOOR

Plastpro, INC. CORPORATE ENGINEERING & DEVELOPMENT ASHTABULA, OHIO				
DESCRIPTION		FIBERGLASS IMPACT DOOR EXTERIOR ELEVATION & BDM		
APPROVAL	INITIALS	DATE	SCALE: 1/22	SHEET: 1 OF 5
QUALITY CONTROL			DRAWN BY:	DATE:
PLANT ENGINEER			J. MILLER	12/27/2010
PLANT MANAGER			FRIEDMAN SKU & CAD#	REV.
HQ ENGINEERING			PL-NFRC-10-0003	00

REV.	DATE	NAME	DESCRIPTION





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**TEST REPORT FOR RSL, LLC**

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Date: 06/14/23

**SECTION 8**

**REVISION LOG**

REVISION #	DATE	PAGES	REVISION
.01R0	06/14/23	N/A	Original Report Issue
.01R1	04/27/21	N/A	Revised U-factor / SHGC on select options
.02R0	03/01/22	N/A	Add options 901-1092
.02R1	03/16/22	N/A	Add grids to 959,960,961,962, and 964.
.03R0	06/14/23	N/A	Add options 1093-1180