Energy Efficiency Ratings in Steel Doors

· Half light doorglass must be equal to or less than .25/.25 for U factor & SHGC
· Doorglass larger than half lights must be .30/.40 in North or North Central regions
· Doorglass larger than half lights must be .30/.25 in South or South Central regions

		1/2" Clear	1/2" Std Low-E	1/2" Clear GBG	1/2" Std Low-E GBG	1" Clear	1" Std Low-E	1" Std Low-E GBG	BBG Clear (Raised)	BBG Low-E (Raised)	BBG Clear (Lowered)	1" Decorative	Impact Clear	Impact Std Low-E	Impact GBG Std Low-E	Impact Decorative
Half Light 36" & 3/4 Oval	U-Factor	.25	.23	.25	.23	.24	.21	.21	.26	.23	.22	.22	.23	.21	.21	.21
	SHGC	.17	.14	.16	.13	.17	.14	.13	.17	.14	.06	.12	.14	.13	.11	.11
	DT/VT	.17	.15	.16	.14	.17	.15	.14	.17	.16	—	.13	.16	.15	.13	.12
	ST	28	28	28	28	32	32	32	32	32	33	32	35	35	—	—
3/4 Light 48" & Large Oval	U-Factor	.29	.26	.29	.26	.27	.24	.24	.30	.26	.25	.25	.26	.23	.23	.23
	SHGC	.23	.19	.21	.17	.23	.19	.17	.23	.19	.07	.17	.19	.18	.15	.14
	DT/VT	.23	.21	.21	.19	.23	.21	.19	.23	.21	—	.18	.22	.20	.17	.17
	ST	28	28	28	28	—	—	—	33	33	32	32	35	35	35	—
Full Light 64" & 80"	U-Factor	.34	.30	.34	.29	.32	.27	.27	.35	.30	.29	.28	.30	.26	.26	.26
	SHGC	.30	.25	.28	.23	.30	.25	.23	.30	.26	.09	.22	.25	.24	.21	.19
	DT/VT	.31	.28	.28	.25	.31	.28	.25	.31	.29	—	.24	.30	.27	.23	.23
	ST	28	28	28	28	28	28	29	32	32	32	32	35	35	35	—

U-Factor: Defines the amount of heat loss. The lower the value, the less heat is transmitted through the entry door.

Solar Heat Gain Coefficient (SHGC): The portion of directly transmitted and absorbed solar energy that enters the interior. The lower the value, the less heat is transmitted through the entry.

Daylight Transmission/Visible Transmission (DT/VT): Measures how much light comes through the entry. The higher the value, from 0 to 1, the more daylight is let in over the unit area of the entry.

Sound Transmission (ST): Measures how much sound comes through the entry. The higher the value, the more sound transmission is reduced.

The performance ratings above were developed by Architectural Testing using applicable NFRC procedures for determining whole product performance. The ratings are determined for a fixed set of conditions and specs.

Energy Efficient

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