

Energy Efficiency Ratings in Steel Doors

The performance ratings below 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.

		1/2" Clear	1/2" Low-E	1/2" Clear GBG	1/2" Low-E GBG	3/4" Low-E	3/4" Low-E GBG	BBG Clear (Closed)	BBG Low-E (Closed)	Decorative w/Caming	Decorative w/Liquid Crystal	Hurricane Impact Clear	Hurricane Impact Low-E	Hurricane Impact Low-E GBG	Hurricane Impact BBG (Closed)
Half Light 36" & 3/4 Oval	UFactor	.28	.26	.29	.27	.24	.24	.24	.21	.24	.26	.25	.23	.24	.24
	SHGC	.20	.17	.17	.15	.17	.15	.06	.03	.16	.18	.17	.15	.13	.06
	DT/VT	.21	.19	.18	.17	.19	.17	—	—	.17	—	.20	.18	.16	—
	ST	28	28	28	28	30	30	35	35	32	34	39	39	39	35
3/4 Light 48" & Large Oval	UFactor	.30	.27	.31	.29	.25	.25	.26	.23	.25	.28	.28	.25	.25	.26
	SHGC	.24	.21	.21	.18	.21	.18	.07	.04	.19	.22	.21	.19	.16	.07
	DT/VT	.25	.23	.22	.20	.23	.20	—	—	.20	—	.24	.22	.19	—
	ST	28	28	28	28	30	30	35	35	32	34	39	39	39	35
Full Light 64" & 80"	UFactor	.36	.33	.37	.34	.29	.29	.30	.25	.29	.32	.31	.28	.29	.30
	SHGC	.31	.27	.27	.24	.27	.24	.09	.05	.25	.29	.27	.24	.21	.09
	DT/VT	.33	.30	.28	.26	.30	.26	—	—	.26	—	.32	.29	.25	—
	ST	28	28	28	28	30	30	35	35	32	34	39	39	39	35

Energy Efficiency Ratings in Fiberglass Doors

		1/2" Clear	1/2" Low-E	1/2" Clear GBG	1/2" Low-E GBG	3/4" Low-E	3/4" Low-E GBG	BBG Clear (Closed)	BBG Low-E (Closed)	Decorative w/Caming	Decorative w/Liquid Crystal	Hurricane Impact Clear	Hurricane Impact Low-E	Hurricane Impact Low-E GBG	Hurricane Impact BBG (Closed)
Half Light 36" & 3/4 Oval	UFactor	.28	.26	.29	.27	.23	.23	.24	.21	.23	.25	.25	.22	.24	.24
	SHGC	.20	.17	.17	.15	.17	.15	.06	.03	.16	.18	.17	.13	.13	.06
	DT/VT	.21	.19	.18	.17	.19	.17	—	—	.17	—	.20	.17	.16	—
	ST	28	28	28	28	30	30	35	35	32	34	39	39	39	35
3/4 Light 48" & Large Oval	UFactor	.30	.28	.31	.28	.24	.24	.26	.22	.24	.27	.27	.24	.25	.26
	SHGC	.24	.21	.21	.18	.21	.18	.07	.04	.19	.22	.21	.16	.16	.07
	DT/VT	.25	.23	.22	.20	.23	.20	—	—	.20	—	.24	.21	.19	—
	ST	28	28	28	28	30	30	35	35	32	34	39	39	39	35
Full Light 64" & 80"	UFactor	.36	.32	.37	.34	.29	.29	.30	.26	.28	.32	.31	.26	.29	.30
	SHGC	.31	.27	.27	.24	.27	.24	.09	.05	.24	.29	.27	.21	.21	.09
	DT/VT	.33	.30	.28	.26	.30	.26	—	—	.26	—	.32	.27	.25	—
	ST	28	28	28	28	30	30	35	35	32	34	39	39	39	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.

