





Thermal Performance

Our mahogany-fiberglass hybrid doors are the most energy efficient wood entry doors on the market. Triple glazing, low-E glass and argon gas are some of the quality features of our doorglass for optimal thermal performance. Most of our doors meet the U.S. ENERGY STAR V6.0 requirements.

Door Energy Performance Rating

Door Description	U-Factor ¹ /Solar Heat Gain Coefficient (SHGC) ²			
	 1/4 Lite	 1/2 Lite	 3/4 Lite	 Full Lite
Clear 3/4" IG TDL	0.23/0.11	N/A	N/A	N/A
Low-E/Argon 3/4" IG	0.22/0.09	N/A	N/A	N/A
Low-E/Argon 1" IG	N/A	0.23/0.15	0.25/0.20	0.28/0.26
Low-E/Argon 3/4" IG TDL	0.23/0.09	N/A	N/A	N/A
Low-E/Argon 1" IG TDL	N/A	0.23/0.15	0.25/0.18	0.28/0.23
Low-E/Argon 1" with Wrought Iron	N/A	0.23/0.14	0.25/0.18	0.28/0.25
3/4" Decorative IG	0.23/0.11	N/A	N/A	N/A
1" Decorative IG	N/A	0.24/0.16	0.27/0.22	0.30/0.29
Low-E/Argon 1" Decorative IG	N/A	0.22/0.13	0.24/0.17	0.26/0.23
Solid Panel Door (Opaque)	0.16/0.01			

Performance based on assembled door units with MaxCraft door panels and doorglass, NFRC default wood or composite frame and sills.

2015 U.S. Energy Star V6.0 Criteria

Energy Efficiency Requirements for Doors			
Glazing Level	U-Factor ¹	SHGC ²	
Opaque	≤ 0.17	No Rating	
≤ ½ -Lite	≤ 0.2	≤ 0.25	
> ½ -Lite	≤ 0.30	Northern and North-Central	≤ 0.40
		South-Central and Southern	≤ 0.25

¹ Btu/h•ft²•°F

² Solar Heat Gain Coefficient