

MADICO SAFETYSHIELD® 8-MIL DG-45

Solar Optical Performance Data

Center of Glass Measurements:*

Total Solar Energy:

Transmitted	36%
Reflected	22%
Absorbed	42%

Visible Light:

Transmitted	41%
Reflected Interior	16%
Reflected Exterior	20%

U Value	1.00
Emissivity	0.77
Ultraviolet Light Rejected	99%

Glare Reduction	53%
Shading Coefficient	0.55
Solar Heat Gain Coefficient.....	0.47

Total Solar Energy Rejected 53%



Window Performance:**

8 Mil DG-45					
Type	Default Glazing Reference	SHGC No Film	SHGC With Film	VLT No Film	VLT With Film
Residential	3 mm (1/8in.) clear	0.71	0.40	0.74	0.34
Residential†	3 mm (1/8in.) clear 3 mm (1/8in.) clear	0.63	0.46	0.67	0.31
Non Residential	6 mm (1/4in.) clear	0.75	0.43	0.80	0.36
Non Residential	6 mm (1/4in.) grey	0.53	0.36	0.40	0.18
Non Residential†	6 mm (1/4in.) clear 6 mm (1/4in.) clear	0.65	0.48	0.71	0.33
Non Residential†	6 mm (1/4in.) grey 6 mm (1/4in.) clear	0.42	0.34	0.36	0.16

* Read in accordance with National Fenestration Rating Council (NFRC) standards on 3mm. clear glass.

**As certified by the National Fenestration Rating Council (NFRC).

† Dual pane window



ISO 9001: 2000 Certified

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