

MADICO
SAFETYSHIELD®

8-MIL RS-440-XSR

Solar Optical Performance Data

Center of Glass Measurements:*

Total Solar Energy:

Transmitted 36%
 Reflected 30%
 Absorbed 34%

Visible Light:

Transmitted 43%
 Reflected Interior 30%
 Reflected Exterior 29%

U Value 1.02
 Emissivity 0.80
 Ultraviolet Light Rejected 99%

Glare Reduction 51%
 Shading Coefficient 0.51
 Solar Heat Gain Coefficient 0.44

Total Solar Energy Rejected 56%



Window Performance:**

	8 Mil RS-440				
Type	Default Glazing Reference	SHGC No Film	SHGC With Film	VLT No Film	VLT With Film
Residential	3 mm (1/8in.) clear	0.71	0.37	0.74	0.35
Residential†	3 mm (1/8in.) clear 3 mm (1/8in.) clear	0.63	0.42	0.67	0.33
Non Residential	6 mm (1/4in.) clear	0.75	0.40	0.80	0.38
Non Residential	6 mm (1/4in.) grey	0.53	0.36	0.40	0.19
Non Residential†	6 mm (1/4in.) clear 6 mm (1/4in.) clear	0.65	0.44	0.71	0.35
Non Residential†	6 mm (1/4in.) grey 6 mm (1/4in.) clear	0.42	0.32	0.36	0.17

* 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

64 Industrial Parkway, Woburn, MA 01801 • 800-225-1926 • www.madico.com

