

RS-440

Solar Optical Performance Data

Center of Glass Measurements:*

Total Solar Energy:
 Transmitted35%
 Reflected32%
 Absorbed 33%

Visible Light:
 Transmitted42%
 Reflected Interior 31%
 Reflected Exterior30%

U Value..... 0.98
 Emissivity.....0.73
 Ultraviolet Light Rejected99%

Glare Reduction52%
 Shading Coefficient 0.48
 Solar Heat Gain Coefficient 0.42

Total Solar Energy Rejected57%



Window Performance:**

	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	0.35	0.74	0.34
Residential†	3 mm (1/8in.) clear 3 mm (1/8in.) clear	0.63	0.40	0.67	0.31
Non Residential	6 mm (1/4in.) clear	0.75	0.39	0.80	0.37
Non Residential	6 mm (1/4in.) grey	0.53	0.34	0.40	0.18
Non Residential†	6 mm (1/4in.) clear 6 mm (1/4in.) clear	0.65	0.43	0.71	0.33
Non Residential†	6 mm (1/4in.) grey 6 mm (1/4in.) clear	0.42	0.31	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

