

SB-221

Solar Optical Performance Data

Center of Glass Measurements:*

Total Solar Energy:
 Transmitted 17%
 Reflected 46%
 Absorbed 37%

Visible Light:
 Transmitted24%
 Reflected Interior29%
 Reflected Exterior 34%

U Value 1.02
 Emissivity 0.69
 Ultraviolet Light Rejected 99%

Glare Reduction 73%
 Shading Coefficient0.34
 Solar Heat Gain Coefficient0.29

Total Solar Energy Rejected 73%



Window Performance:**

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Type	Default Glazing Reference	SHGC No Film	SHGC With Film	VLT No Film	VLT With Film
Residential	3 mm (1/8in.) clear	0.71	0.25	0.74	0.19
Residential†	3 mm (1/8in.) clear 3 mm (1/8in.) clear	0.63	0.34	0.67	0.18
Non Residential	6 mm (1/4in.) clear	0.75	0.28	0.80	0.21
Non Residential	6 mm (1/4in.) grey	0.53	0.29	0.40	0.10
Non Residential†	6 mm (1/4in.) clear 6 mm (1/4in.) clear	0.65	0.37	0.71	0.19
Non Residential†	6 mm (1/4in.) grey 6 mm (1/4in.) clear	0.42	0.28	0.36	0.09

* 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

