

# NG-20

## Solar Optical Performance Data

**Center of Glass Measurements:\***

**Total Solar Energy:**

Transmitted ..... 15%  
 Reflected ..... 38%  
 Absorbed ..... 47%

**Visible Light:**

Transmitted ..... 10%  
 Reflected Interior ..... 17%  
 Reflected Exterior ..... 18%

U Value ..... 0.97  
 Emissivity ..... 0.70  
 Ultraviolet Light Rejected ..... 99%

Glare Reduction ..... 89%  
 Shading Coefficient ..... 0.33  
 Solar Heat Gain Coefficient ..... 0.28

Total Solar Energy Rejected ..... 73%



**Window Performance:\*\***

	NG-20					
Type	Default Glazing Reference	SHGC No Film	SHGC With Film	VLT No Film	VLT With Film	
Residential	3 mm (1/8in.) clear	0.71	0.24	0.74	0.08	
Residential†	3 mm (1/8in.) clear 3 mm (1/8in.) clear	0.63	0.35	0.67	0.07	
Non Residential	6 mm (1/4in.) clear	0.75	0.28	0.80	0.09	
Non Residential	6 mm (1/4in.) grey	0.53	0.28	0.40	0.04	
Non Residential†	6 mm (1/4in.) clear 6 mm (1/4in.) clear	0.65	0.38	0.71	0.08	
Non Residential†	6 mm (1/4in.) grey 6 mm (1/4in.) clear	0.42	0.28	0.36	0.04	

\* 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



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