

# MADICO® SAFETYSHIELD® CLS-200-XSR

## SOLAR OPTICAL PERFORMANCE DATA CENTER OF GLASS MEASUREMENTS\*

### Total Solar Energy:

Transmitted	82%
Reflected	9%
Absorbed	9%

### Visible Light:

Transmitted	89%
Reflected Interior	10%
Reflected Exterior	10%

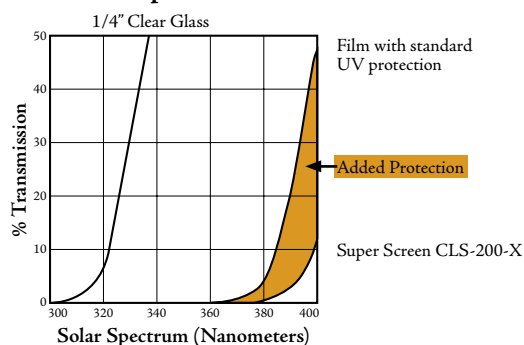
U Value	1.10
Emissivity	.95
Ultraviolet Light Rejected	99%

Glare Reduction	0%
Shading Coefficient	.97
Solar Heat Gain Coefficient	.84

Total Solar Energy Rejected	16%
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\* Read in accordance with National Fenestration Rating Council (NFRC) standards on 3mm. clear glass.

### Film Properties:



### CLS-200-XSR Performance on Installed Windows:\*\*

Type	Default Glazing Reference	SHGC w/out Film	SHGC with Film	VLT w/out Film	VLT with Film
Residential	3 mm (1/8in.) clear	0.71	0.70	0.74	0.73
Residential†	3 mm (1/8in.) clear 3 mm (1/8in.) clear	0.63	0.62	0.67	0.66
Non Residential	6 mm (1/4in.) clear	0.75	0.73	0.80	0.78
Non Residential	6 mm (1/4in.) grey	0.53	0.53	0.40	0.40
Non Residential†	6 mm (1/4in.) clear 6 mm (1/4in.) clear	0.65	0.64	0.71	0.70
Non Residential†	6 mm (1/4in.) grey 6 mm (1/4in.) clear	0.42	0.43	0.36	0.35

\*\* As certified by the National Fenestration Rating Council (NFRC) † Dual pane window

**MADICO**

ISO 9001: 2008 Certified

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Since only the user is aware of the specific conditions in which the product is to be used, it is the user's responsibility to determine whether the product is suitable for that intended use. If the specific conditions of use are critically dependent on any of the properties of the product, or if you need further information of any sort, contact Madico or your local Madico window film dealer.

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