

8800 Series 4" Thermal Fixed Human Impact (Psychiatric) Windows

Product Information



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PERFORMANCE

The Series 8800 window is a thermally broken mainframe that exceeds the performance specification criteria as required by ANSI/AAMA for AW (Architectural Grade) windows. The system w/ Human Impact Sash is tested to AAMA 501.8.

Fixed - w/out Impact Panel *		
AAMA Rating	AW-100	
Air Infiltration	0.0 CFM/ft ²	
Water	Over 12 psf	
Structural	150 psf	
CRF (AAMA 1503)	69	
Center of Glass U-Value	Window U-Factor ³	
BTU/Ft ² x F° x Hr	47" x 59" ²	60" x 99" ¹
0.20	0.33	0.29
0.24	0.36	0.33
0.29	0.40	0.37
0.34	0.44	0.41
0.47	0.54	0.52

* Calculated thermal performance results are based on physical test results and weighted area average calculations. Only window frame(s) w/out impact panel can be calculated w/ CMA Bid Certificate to project size and project specific glass due to LBNL calculator limitations regarding accessory sash configurations.

Fixed - w/ Laminated Glass in Impact Panel			Fixed - w/ Polycarbonate in Impact Panel		
AAMA Rating	AW-100		AAMA Rating	AW-100	
Air Infiltration	0.0 CFM/ft ²		Air Infiltration	0.0 CFM/ft ²	
Water	Over 12 psf		Water	Over 12 psf	
Structural	150 psf		Structural	150 psf	
CRF (AAMA 1503)	64		CRF (AAMA 1503)	67	
Center of Glass U-Value	Window U-Factor ³		Center of Glass U-Value	Window U-Factor ³	
BTU/Ft ² x F° x Hr	47" x 59" ²	60" x 99" ¹	BTU/Ft ² x F° x Hr	47" x 59" ²	60" x 99" ¹
0.20	0.31	0.28	0.20	0.28	0.25
0.24	0.34	0.31	0.24	0.31	0.29
0.29	0.38	0.36	0.29	0.35	0.33
0.34	0.42	0.40	0.34	0.39	0.37
0.47	0.52	0.51	0.47	0.49	0.48

This Information is based on current product design, sealed dual glazing, warm edge spacers and testing standards.

Please contact WINCO for project specific information

¹ AAMA 101 Test Size

² NFRC Gateway Test Size

³ Based on NFRC 100

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