

# PRODUCT DATA SHEET

**Series 1800/1800i**  
Curtain Wall  
2" & 2 1/2" Widths

PERFORMANCE DATA <sup>1</sup>	SERIES	AAMA RATING	TEST SIZE (inches)	AIR (cfm/ft <sup>2</sup> ) @ 6.24 psf	WATER (psf)	DESIGN PRESSURE (psf)	STRUCTURAL OVERLOAD (psf)	OITC	U-FACTOR (BTU/HR/FT <sup>2</sup> /F)
	1800	N/A	113 x 192	<0.01	21	60	90	Consult AWM	See Below
	1800i	N/A	113 x 192	0.01	21	60	90	Consult AWM	See Below

<sup>1</sup>Based on independent certified laboratory testing per AAMA/WDMA/CSA/101/1.S.2/A440. Field results will vary based on size, test methods, accessories & conditions

## STANDARD FEATURES

- Offered with both screw spline and shear block assembly
- Captured exterior pressure glazing
- Thermal isolator between exterior and interior aluminum at Series 1800 plus additional thermal struts for enhanced thermal performance at Series 1800i
- Available in 6", 7 1/2" or 9 1/2" depths to accommodate various sizes and loads
- Dual finish capability
- AAMA 2603/2604/2605 painted or AAMA 611 anodized finishes

## OPTIONAL FEATURES

- Exterior applied extruded aluminum or internal roll formed muntin grids
- Various adaptors and fillers
- Integral blinds with interior access panel
- 2-sided horizontal capture
- Glazing adapters for glazed-in installation of operable windows of varying frame depths
- Hurricane Windborne Debris Impact Resistance (Large Missile)



THERMAL PERFORMANCE CHART <sup>1</sup>	SERIES	CENTER OF INSULATED GLASS U-FACTOR/SPACER TYPE ("Alum."=Aluminum, "Warm"=Warm Edge) <sup>2</sup>							
		0.33/Alum.	0.33/Warm	0.29/Alum.	0.29/Warm	0.24/Alum.	0.24/Warm	0.20/Alum.	0.20/Warm
	1800	0.480	0.461	0.451	0.430	0.416	0.394	0.377	0.357
1800i	0.437	0.408	0.407	0.377	0.372	0.340	0.331	0.302	

<sup>1</sup>Based on independent certified simulations in accordance with NFRC 100 at 2-lite 79" x 79" NFRC Gateway size

<sup>2</sup>Consult AWM for additional configurations

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