

# M-950 Series Windows

## Commercial Aluminum Single-Hung, Slider & Fixed

### 3¼" Frame Depth



**Quality Windows & Doors for All Seasons**

**Our most versatile,  
high-performance series**

with available AAMA ratings of:

AW80 Single-Hung (side-load)  
AW40 Horizontal Slider (single vent)  
AW90 Fixed



Carpenter Hall at Earlham College in Richmond, IN  
M-950 Series Single-Hung Windows

## Product Performance Details (AAMA/WDMA/CSA 101/I.S.2/A440-♦)

Type	Product Designation ♦♥	Structural/Water/ Air Test Size (W x H)	Air Infiltration (cfm/sq ft)	Water Resistance (psf)	Deflection (psf)	Structural ^ (psf)
Single-Hung ♦ <i>Blast Also Available!</i>	AW40	60"W x 99"H	0.10 @ 6.2 psf	8.15	40	60
	optional: AW50	60"W x 99"H		10.03	50	75
	optional: AW80	54"W x 86"H		12.11	80	120
Fixed ♦ <i>Blast Also Available!</i>	AW40	60"W x 99"H	<.01 @ 6.2 psf	8.15	40	60
	optional: AW80			12.11	80	120
	optional: AW90		<.01 @ 1.57 psf	12.11	90	135
Horizontal Slider: Single Vent (XO) ♦ <i>Blast Also Available!</i>	CW50	80"W x 62"H	0.10 @ 1.6 psf	7.52	50	75
	optional: CW55	99"W x 79"H	0.08 @ 6.27 psf	8.36	55	82.5
	optional: AW40		0.10 @ 6.27 psf	8.15	40	60
Horizontal Slider: Center Vent (ZXO)	CW50	120"W x 62"H	0.10 @ 1.6 psf	7.52	50	75
Horizontal Slider: End Vent (XOX)	CW50	120"W x 62"H	0.06 @ 1.6 psf	7.52	50	75
Single-Hung Impact	DP50	48"W x 84"H	0.10 @ 6.2 psf	7.52	50	75
Fixed Impact	DP50	48"W x 84"H	0.10 @ 6.2 psf	7.52	50	75

♦ The '05 fenestration standard utilized five performance classes - R, LC, C, HC and AW. NAFS-08 and -11 utilize four such classes - R, LC, CW and AW.

♥ Many window ratings can be increased by downsizing the window and determining maximum performance either through testing or calculation.

^ This is an intentional overload aspect to window performance testing and should not be used in lieu of the window DP (Design Pressure) when evaluating a product for a specific project or use.

Contact your local Wojan Sales Representative or our office for additional details.

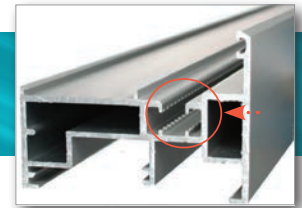
## Additional M-950 Features

- Structural Thermal Break: Pour and debridge polyurethane thermal break, utilizing Azo-Brader™ Technology with a 10-year pass-through warranty against failure of the polymer
- 1" Sealed Insulated Glass: 10-year limited warranty. Numerous glass options available including Low-E, tinted, obscure, tempered, laminated, argon-filled and spandrel
- Interior glazed design for ease of glass replacement
- 1-year limited warranty on window materials and workmanship
- Numerous available installation systems, mulling and stacking options
- Screen frame of extruded aluminum with fiberglass cloth standard - aluminum cloth optional
- Standard finishes include white or bronze (AAMA 2603); white or bronze 2-coat Kynar® (AAMA 2605); and clear or bronze anodized (AAMA 611) *Non-standard colors with minimum order*

(Kynar® is a registered trademark of Arkema Inc.)  
(Azo-Brader™ is a trademark of Azon USA Inc.)

**Azo-Brader™ Technology:**  
Abrasion "hooks" displace metal along the lugs to improve adhesion in the thermal barrier pocket.

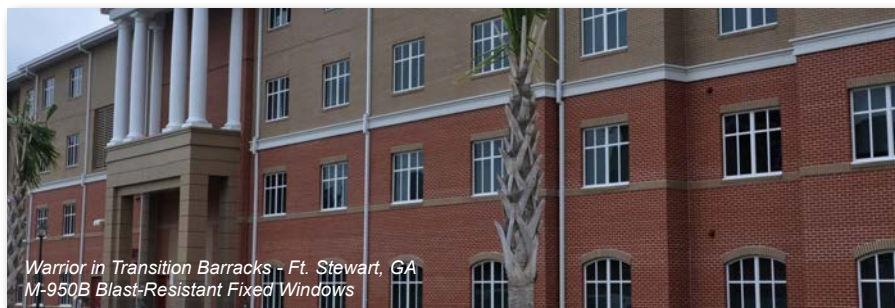
*Our products feature a pour and debridge polyurethane thermal break for better performance, utilizing Azo-Brader™ technology with a 10-year pass-through warranty against failure of the polymer.*



## Impact-Resistant and Blast-Resistant M-950 models also available

- Impact models feature a 3¼" frame depth and have passed Large Missile Impact testing
- Blast models - designed to meet DoD UFC at conventional construction standoff distances - feature a 4¾" frame depth with factory applied clip with easy, cost-effective installation; minimal anchorage required

**Contact your local Wojan Sales Representative or our office for more details**



*Warrior in Transition Barracks - Ft. Stewart, GA  
M-950B Blast-Resistant Fixed Windows*



M-950B Single-Hung



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