

# Blast-Resistant Windows

Custom Commercial Aluminum

Single-Hung, Horizontal Slider, Project-Out and Fixed



Quality Windows & Doors for All Seasons

Tested to Minimal Hazard Rating and designed to meet Department of Defense (DoD) Unified Facilities Criteria (UFC) at conventional standoff



Von Braun Complex at Redstone Arsenal - Huntsville, AL  
Wojan M-950B Blast-Resistant Fixed Windows

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

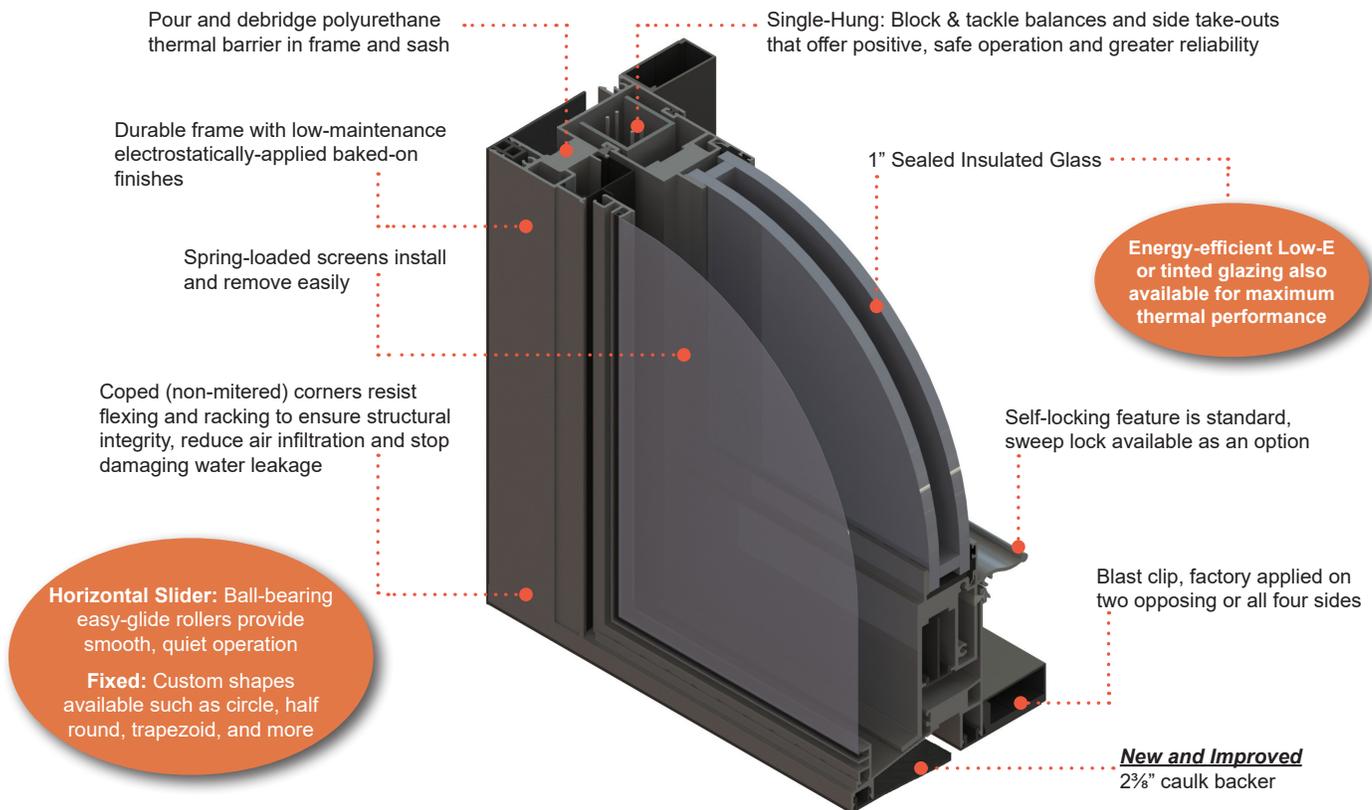
Type	System Depth	Product Designation*	Structural/Water/Air Test Size (W x H)	Air Infiltration (cfm/sq ft)	Water Resistance (psf)	Deflection (psf)	Structural (psf)
M-950B: Single-Hung	4 <sup>3</sup> / <sub>4</sub> " with clip, factory applied	AW-PG50	60" x 99"	.10	12	50	75
M-950B: Horizontal Slider Single Vent		CW-PG50	72" x 62"	.10	8	50	75
M-950B: Fixed		AW-PG80	60" x 99"	< .01	15	80	120
4500B: Fixed	3 <sup>7</sup> / <sub>8</sub> " with clip, factory applied	AW-PG70 (NAFS '11)	60" x 100"	< .01	15	70	105
4600B: Project-out Awning		AW-PG65 (NAFS '11)	60" x 36"	.02	12	65	97.5
4600B: Project-out Casement		AW-PG70 (NAFS '11)	36" x 60"	.01	12	70	105

\* 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.



## Cross-Section and Features

Shown: M-950B Single-Hung



## Additional Features

- Meets Anti-Terrorism Force Protection (ATFP) UFC 4-010 at Charge Weight I & II at conventional construction standoff distances
- Fully factory assembled, shop glazed
- Easy, cost-effective installation, minimal anchorage required, ready to install with low labor costs
- Caulk backer comes standard; additional accessories include nailing fin and face flange on exterior
- Pour and debridge polyurethane thermal break for better performance with a 10-year pass-through warranty against failure of the polymer
- Single-hung and fixed/fixed models also available as Impact/Hurricane Resistant. *Contact us for details.*
- 1-year limited warranty on window materials and workmanship
- 1" sealed insulated glass (IGU) with a 10-year limited warranty, and five years against delamination of glass (*see supporting document for details*)
- Interior glazed design for ease of glass replacement
- Standard finishes include bronze or white (AAMA 2603), bronze or white 2-coat Kynar® (AAMA 2605), and clear or bronze anodized (AAMA 611). Non-standard colors available subject to minimum quantity requirements

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

HQ/Sales/Manufacturing  
217 Stover Road  
Charlevoix, MI 49720  
fax (231) 547-4237

**WOJAN**  
WINDOW & DOOR  
CORPORATION  
[www.wojan.com](http://www.wojan.com)  
**(800) 632-9827**

Manufacturing  
340 Jay Street  
Coldwater, MI 49038  
fax (517) 279-9832