



INVENT.PLUS™

COMPOSITE FRAME WINDOWS

Wausau Window and Wall Systems® INvent.PLUS™ operable and fixed windows offer European benchmark thermal performance - but with clean styling and narrow sightlines attuned to U.S. architectural preferences.

Innovative composite framing design creates an AAMA AW Class architectural window series with best-in-class **R6 fixed and R5 operable** performance. No-compromise product selection is made possible by a unique combination of 45% aluminum extrusions and 55% engineered polymers (by volume).

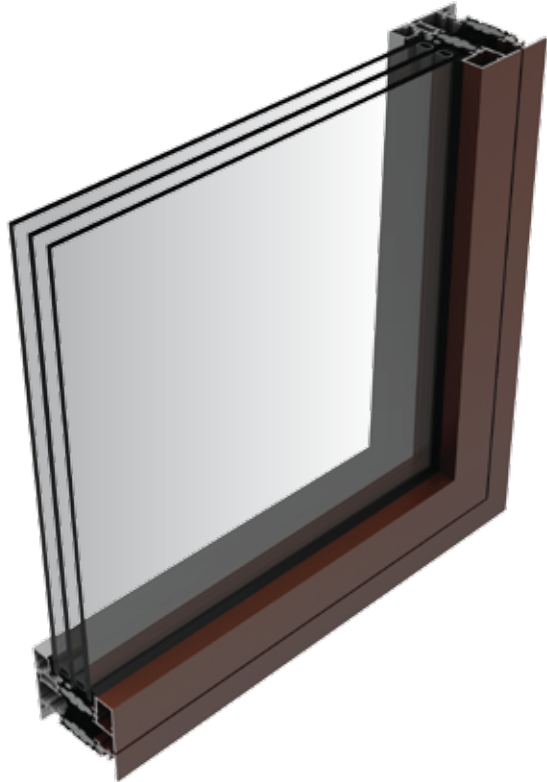
in.vent.plus™



Features and Benefits

- AAMA AW-100 Architectural Performance Class
- 3-11/16" frame depth with 44mm polyamide thermal barrier and foam cavity fillers
- Incorporates engineered polymers and aluminum extrusions where their inherent material properties are best suited
- Narrow sightlines and flush, convection-baffled, operable vents
- Fixed; in- or out-swing casement; top-hinged, hopper or awning vents (pictured)
- 15 psf static and cyclical water resistance - 0.10 cfm/sqft air infiltration
- Low U-Factors allow broad expanses of vision glass to meet Model Energy Codes
- Accepts triple insulating glass for minimum U-Factor
- 1" exterior glass offset complements curtainwall and storefront systems
- 1/8" principal wall thickness
- Heavy butt hinges or concealed, stainless steel, four-bar friction hinges carry triple glazing with ease
- High recycled content aluminum in framing, LEED® support services

R6 Fixed Windows R5 Operable Windows



2250i-XP INvent.PLUS™ Fixed and Operable Composite Windows

2250i-XP Glazing	Allowable Air	Water Resistance	Minimum NFRC U-Factor BTU/hr.sqft.°F	NFRC CR AAMA CRF _i Condensation Resistance	STC OITC
Fixed Triple IG	0.10 cfm/sqft @ 6.24 psf	15 psf	0.16	74 CR 83 CR _i	34 to 41 STC 28 to 35 OITC
Vent Triple IG			0.20	72 CR 76 CR _i	
Fixed RoomSide™ Low-E IG			0.25	49 CR	
Vent RoomSide™ Low-E IG			0.30	49 CR	
Fixed Viracon VE1-2M			0.30	60 CR	
Vent Viracon VE1-2M			0.33	59 CR	

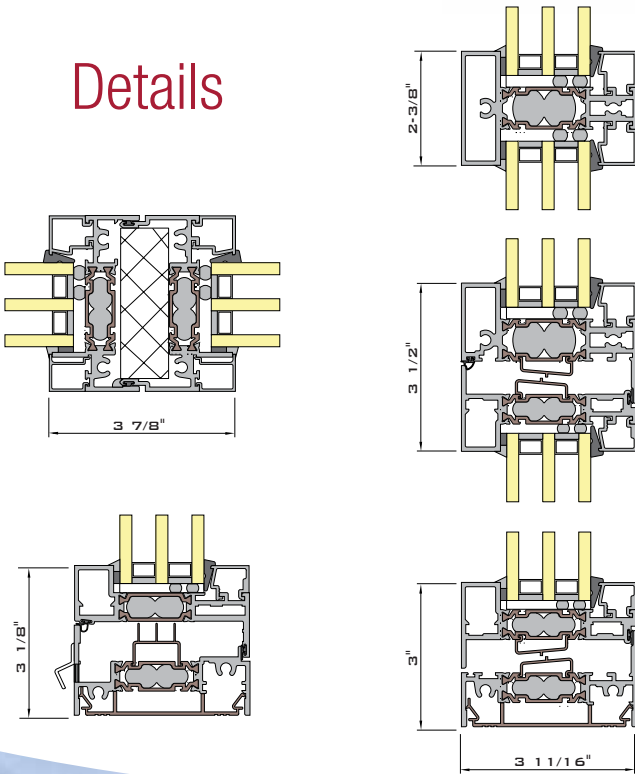
Performance can vary with glass and hardware package selected.
Minimum vent sizes apply for certain hardware packages.

Window Hardware

For Occupant or Custodial Operation -
Durable and Attractive Designs



Details



Options

- Punched openings, ribbon windows or full-height window wall
- Optional, double insulating glass with Viracon RoomSide™ low-E, for use where condensation is not a concern
- Optional integral between-glass blinds with 5/8" aluminum slats
- Dual-color frame finishes
- Exterior muntin grids
- Slide-in steel anchors
- Panning systems with "T" mullions for renovation
- Head, jamb and sill receptors with "H" mullions for bays
- More than 30,000 color choices in ultra-low VOC paints, or VOC-free anodize finishes
- Frosty matte eco-friendly anodize is ideal for recycled aluminum - Patina-free copper anodize available
- Complementary SuperWall™ -XLT curtainwall available with composite pressure plate option



PRODUCTION LINE SAMPLING, INCLUDING INSPECTION AND WATER TESTING PRIOR TO SHIPMENT, HELPS ENSURE REAL-WORLD PERFORMANCE EQUAL TO THE LABORATORY.

ASK US ABOUT VIRACON EXTREMEEDGE™ WARM-EDGE INSULATING GLASS SPACERS AND LOOK FOR **INVENT.PLUS** IN THE NFRC CERTIFIED PRODUCTS DIRECTORY.

ADVANTAGE
BY WAUSAU

PRE-ENGINEERED STANDARD PRODUCTS FOR
COMPETITIVE PRICING AND QUICK DELIVERY

Featured Project:

Inside right:

U.S. Customs and Border Protection Land Port of Entry
Warroad, Minnesota
Julie Snow Architects
Wausau SuperWall™



WAUSAU

WINDOW AND WALL
SYSTEMS

There's a reason so many of our nation's most important buildings, from art museums to elementary schools have Wausau windows...

For more than 55 years, Wausau has set the standard for performance, quality and ease of installation.

Wausau engineering professionals ensure that each building's windows are right for its needs, such as pre-engineered school windows, architectural grade hospital windows or customized, historically accurate replacements.

Wausau supports your sustainable design goals and offers an industry-leading product warranty of up to 10 years.

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