Custom Window™
by Wausau

8300 and 8300i Series Historical

Fixed and Projected Aluminum Windows

UP TO 10 YEAR LIMITED WARRANTY

Historically accurate preservation demands more than just a nod to the architectural vernacular - Respectful restoration calls for replication of character-defining features.

Narrow sightlines, true divided lite muntin grids, and strict attention to detail set apart the fenestration of landmark structures - Then, and now.

Church of Jesus Christ of Latter-Day Saints Temple - Hartford, Connecticut

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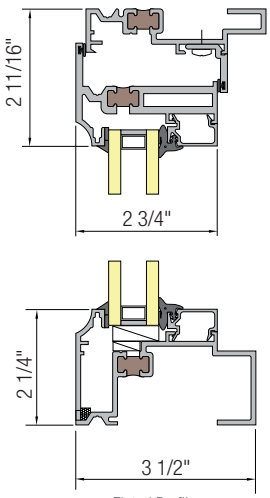
Features

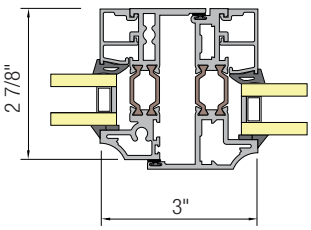
- Fluted, stepped “T”, beveled or ogee perimeter glazing rebates to match existing putty-glazed windows
- AAMA AW-100 Architectural Performance Class - Grids designed for project-specific wind loads
- Poured polyurethane or polyamide I-Strut™ thermal barrier (8300i Series)
- Welded frame and true muntin grid construction, corner-blocked and hydraulically crimped vents
- 0.094" extrusion wall thickness
- Fixed; in- or out-swing casement (pictured); top-hinged, awning or hopper vents
- Custom profiles can be designed for panning, perimeter framing or muntins

Options

- Optional between-glass blinds with 5/8" aluminum slats
- Extra-wide thermal barrier (8300i) option for energy savings and condensation resistance
- Dual-color frame finishes
- Applied muntin grids optional at exterior, interior and/or between glass
- Panning systems with “T” mullions to echo existing profiles
- Head, jamb and sill receptors with stacking mullions
- 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



Fluted Profile
Poured Thermal
8300 Series



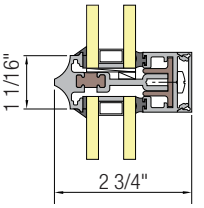
Fluted Profile
I-Strut™ Thermal
8300i Series

Test results may vary with size, girds and hardware used.

Allowable Air	Water	NFRC U-Factor	CRF_f	STC
0.10 cfm/sqft at 6.24 psf	12 psf	0.38 to 0.73 BTU/hr.sqft.°F (est.)	43 to 58 (est.)	31 to 40 26 to 33 OITC

True Divided Lite Muntin Grids

Glassmaking technology in the years prior to World War II limited the size of individual glass lites, mitigating the use of putty-glazed muntin grids. Only true divided lite (TDL) design can reproduce this aesthetic with the fidelity required for rigorous historical preservation. For more than 30 years, Custom Window has been matching the appearance of existing sash in the nation's most prestigious landmarks.



Fluted Profile
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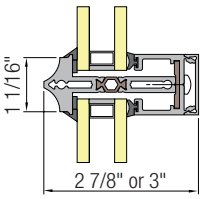

Fluted Profile
I-Strut™ Thermal
8300i Series

Notes

- 1-1/16" sightline at thermal barrier muntins
- 7/8" sightline at non-thermal barrier muntins
- Interior access for re-glazing standard, outside glazed options available
- Requires only small, low-cost replacement insulating glass units in case of vandalism
- Factory-applied silicone cap beads at exterior, optional glazing rebates drained to base
- Complies with industry standard deflection limits -
- Reduced glass bite and edge clearance for minimum sightline
- TDL muntin grids will affect NFRC U-Factor - Check local codes for historical building requirements

Manchester Street Power Station Providence, Rhode Island
William Warner & Robinson Green Bereta, Architects

The Palladion San Diego, California
Walt Smyk Development

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.

Custom Window™ by Wausau

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