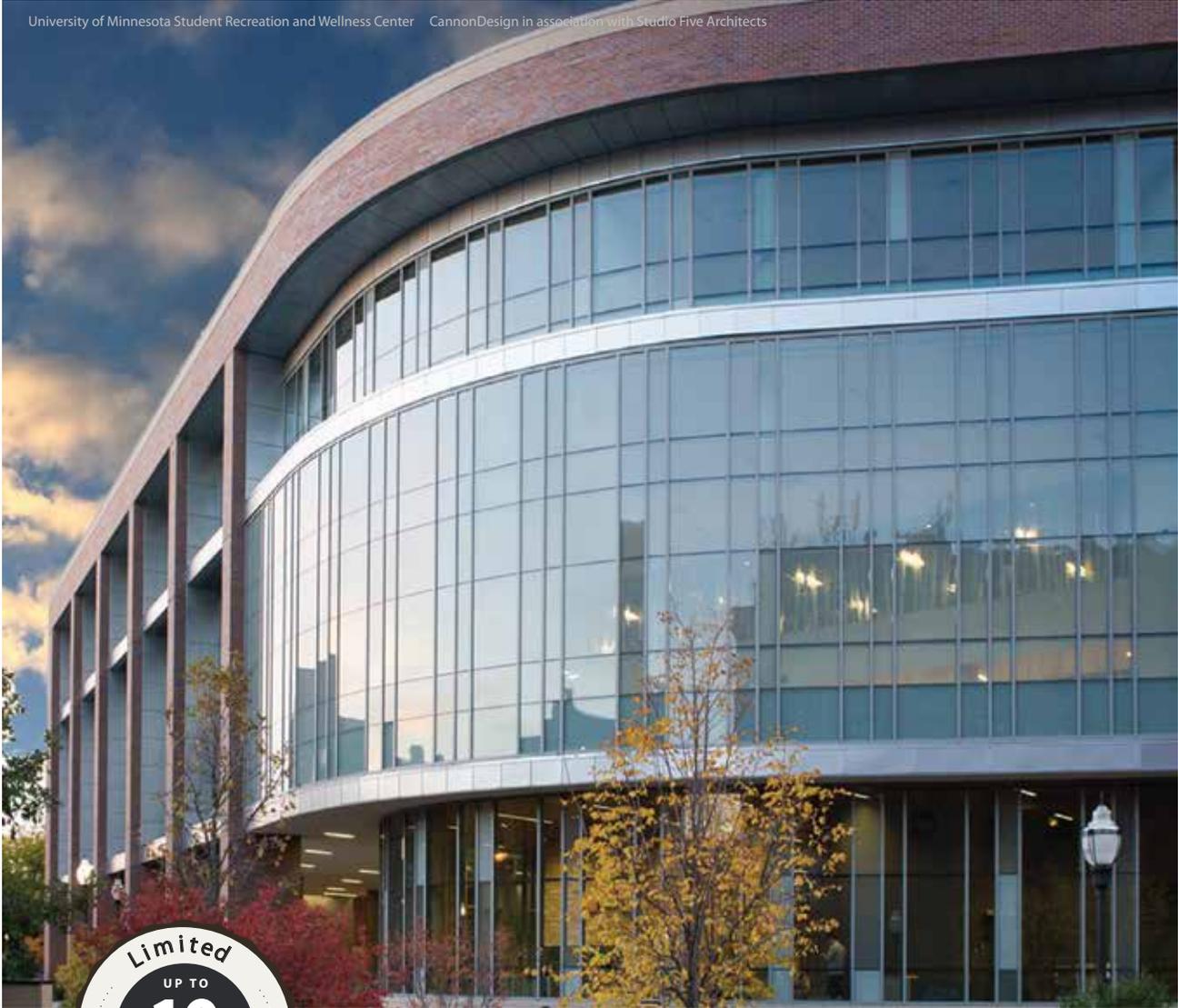




WAUSAU

WINDOW AND WALL
SYSTEMS

University of Minnesota Student Recreation and Wellness Center CannonDesign in association with Studio Five Architects



SUPERWALL™ Curtainwall and Window Wall

For more than 40 years, designers and subcontractors have trusted SuperWall systems for smooth, quick installation and worry-free, test-verified performance. Easy-to-fabricate screw-spline Wausau SuperWall can ship as fast **in any color** as it can in standard anodized finishes.

When you need it fast and you need it right, Wausau's SuperWall systems are ideally suited to meet accelerated construction timelines for low- and mid-rise buildings such as schools, hospitals, and offices.

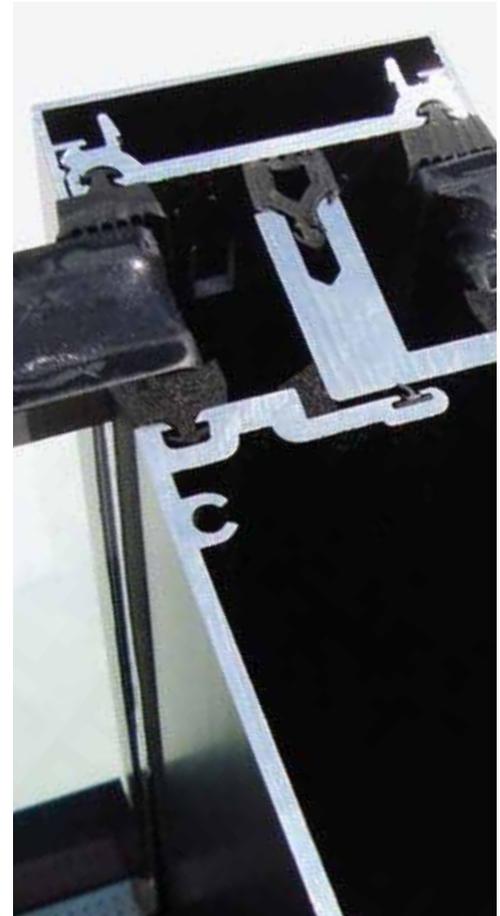
SuperWall™

6250 7250 8250 10250

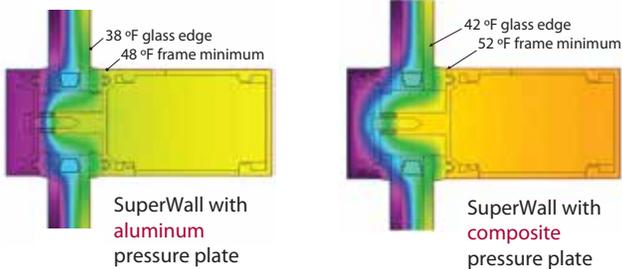
Four complete systems in 6-1/4", 7-1/4", 8-1/4", and 10-1/4" frame depths to efficiently address almost any span/load requirement - all systems' components are internally consistent and interchangeable.

Features

- ▶ 2-1/2" exterior sightline - Accent covers available
- ▶ Captured or two-side silicone structurally glazed
- ▶ Full 1/8" extrusion wall thickness
- ▶ EPDM and silicone gaskets; silicone setting blocks
- ▶ 3/8" wide thermal separator for energy efficiency
- ▶ Easy-to-install "ladder frame" screw-spline construction
- ▶ Less than 0.06 cfm/sqft air infiltration at 6.24 psf
- ▶ 15 psf water test pressure; static and dynamic
- ▶ Listed in the National Fenestration Ratings Council (NFRC) Certified Products Directory and CMA database



LBNL THERM Models



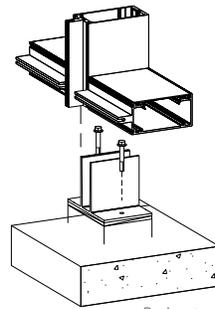
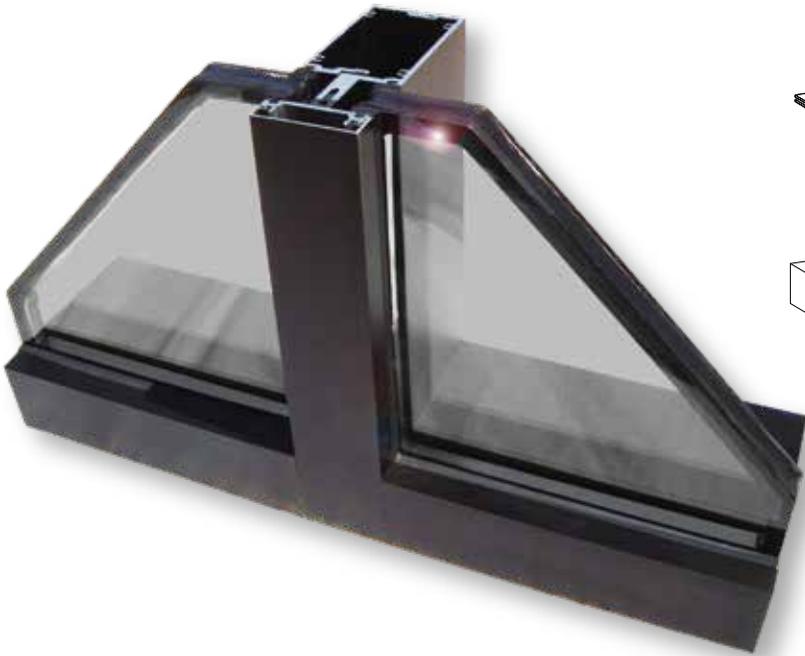
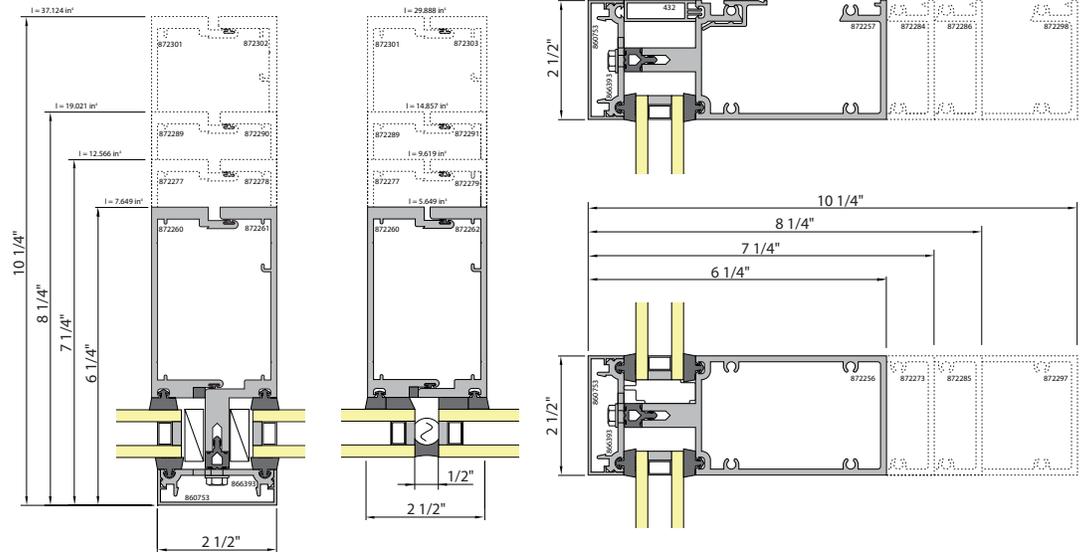
Performance

Thermal Performance Summary	NFRC U-Factor BTU/hr.ft ² .°F	NFRC Solar Heat Gain Coefficient	CRF	STC OITC
	Modeled Range	SHGC Range		
6250 SuperWall Aluminum PP (Captured Glazing)	0.35 to 0.57	0.34 to 0.65	68 Frame 67 Glass	31 to 35 STC
6250 SuperWall Composite PP (Captured Glazing)	0.34 to 0.54	0.34 to 0.65	73 Frame 69 Glass	
6250 SuperWall SSG (Four-Side Silicone)	0.37 to 0.55	0.34 to 0.65	74 Frame 67 Glass	26 to 32 OITC
Modeled NFRC performance data is based on various clear substrate glass makeups. CRF test data is based on Viracon 1" overall VE1-2M insulating glass (low-e on surface #2), 90% argon fill with 1/2" stainless spacer. Contact Wausau for project-specific thermal modeling to supplement the estimates above. Higher STC and OITC performance available when SEAL™ interior accessory windows are employed.				

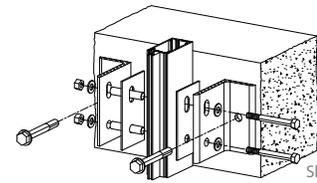
Test results can vary

SuperWall™

Details



Perimeter "T" anchor



Slab edge anchor

Options

SuperWall™-XLT

Composite fiberglass pressure plates improve U-Factor and condensation resistance for high-humidity applications

ClearStory™

Sun shades and light shelves for control of solar heat gain and glare - a wide variety of pre-engineered configurations available

Blast Hazard Mitigation and Hurricane Impact

Verified systems to meet your projects' protective glazing requirements

3" Face SuperWall™

Accommodate seismic movements, match sightlines of unitized curtainwall, and provide narrower or wider accent mullions

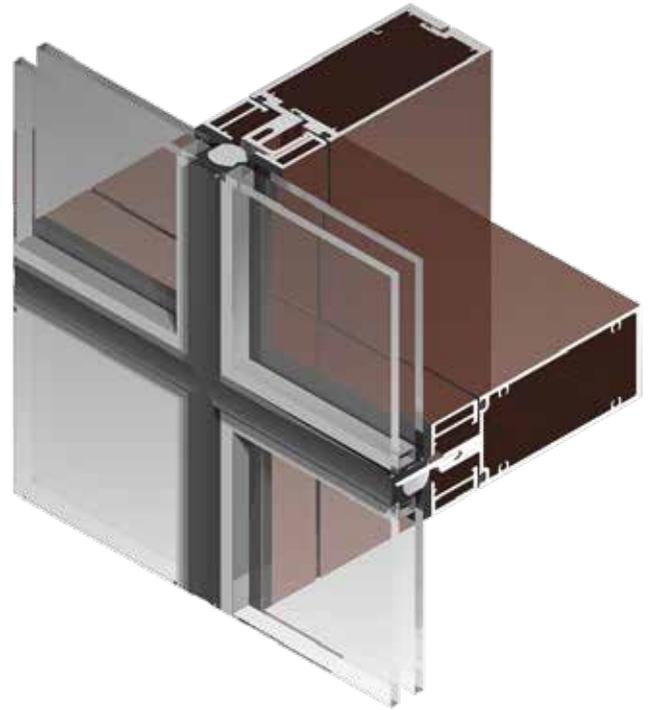


SuperWall™ SSG

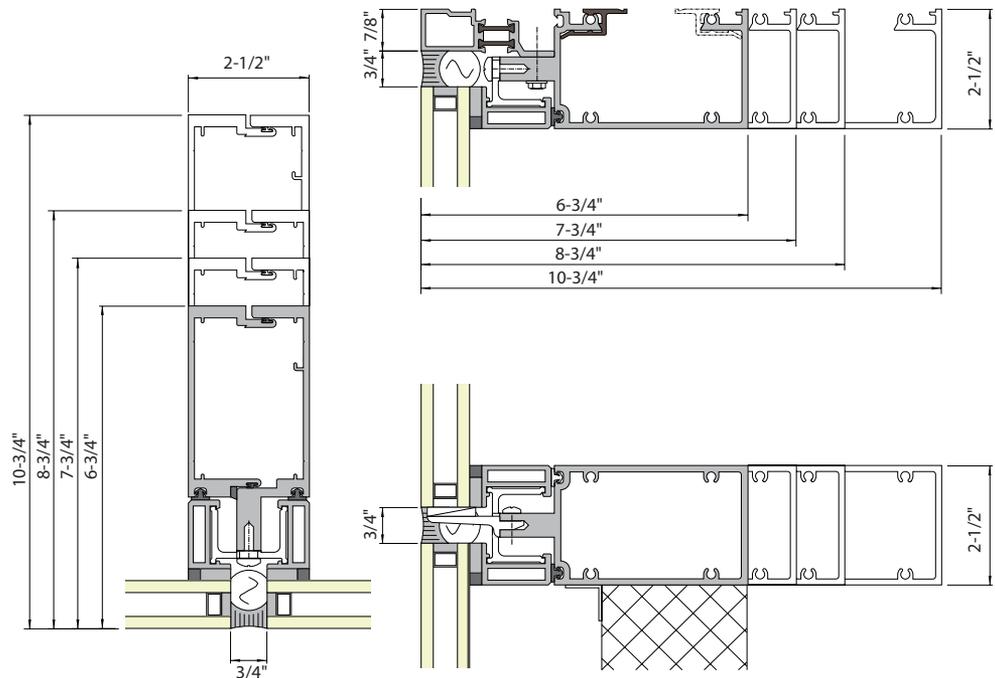
Wausau's standard, easy-to-fabricate SuperWall Series now includes a four-side silicone structurally-glazed system - **SuperWall SSG**, to create dramatic entrance atria - sleek, modern, reflective glass facades - or open, transparent, low-rise envelope solutions.

Features

- ▶ 6-3/4", 7-3/4", 8-3/4", and 10-3/4" frame depths (with 1" glass)
- ▶ Narrow 2-1/2" mullions maximize daylight opening
- ▶ Carrier frames glazed in a factory-controlled environment for quality assurance
- ▶ Accepts standard, structural silicone insulating glass units - economical and fast replacements available
- ▶ Grid frames are factory-fabricated and shipped knocked-down (KD) for field assembly
- ▶ Interlocking mullions accept reinforcing for free-span atrium applications
- ▶ Matching 2-1/2" inside and outside 90-degree corner mullions
- ▶ Field face-sealed
- ▶ Low U-Factors allow broad expanses of vision glass to meet Model Energy Codes
- ▶ Exterior accent trim available



Details



Designer Note: The use of clear glass in four-sided silicone-glazed systems can make insulating glass unit construction, as well as glazing materials, visible under certain exterior lighting conditions. Review samples carefully during glass selection

Support Services

Wausau offers pre-engineered standard products for competitive pricing and quick delivery. Design and submission engineering support tools - most available online - help ensure prompt approval of your project-specific shop drawings and calculations.

- ▶ AutoCAD® .DWG details
- ▶ Performance test reports and NFRC CMA database entries
- ▶ Wind load charts
- ▶ Guide specifications
- ▶ Standard LBL THERM models
- ▶ Samples and 3D rapid prototypes
- ▶ Anchorage recommendations
- ▶ Installation instructions
- ▶ LEED® and Green Globes® submission templates
- ▶ Components available for download in Glazier Studio®

glazierSTUDIO
SOFTWARE FOR THE NEXT GENERATION



www.wausauwindow.com . Download details, specifications, and product performance information

Finishes

SuperWall™ is available in an unlimited choice of colors in 50% or 70% fluoropolymer or baked enamel paints. With 30,000 unique, existing colors in our palette and the ability to match almost any custom color, you can select the perfect finish for your project.

All organic paint finishes are applied utilizing a 100% VOC-capture process, from Wausau's finisher of choice, Linetec, or choose from eight standard VOC-free anodize finishes including Linetec's unique Copper Anodize.



SINGLE SOURCE SOLUTION
for Architectural Finishing

Need matching architectural aluminum accessories? Linetec, the nation's leading finisher, can make sure brake metal, wall panels, louvers, sun shades, coping, and other trim blend seamlessly with SuperWall curtainwall framing.
www.linetec.com



Companion Products

Entrances and Storefront

Ensure single source responsibility, consistent color, coordination of deliveries, and strength of manufacture's warranty

3250-Z, 4250-Z Zero Sightline

Project-out AW class curtainwall insert vents for unobtrusive natural ventilation, four-side structurally glazed for large sizes.

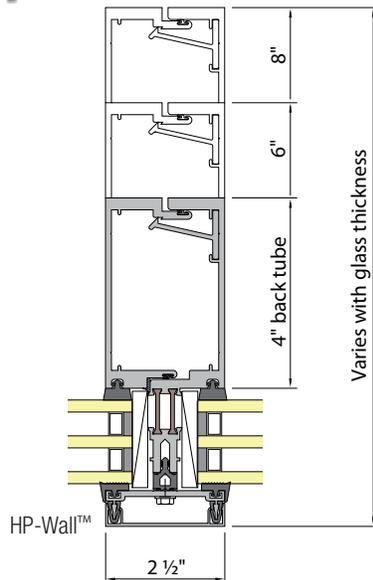
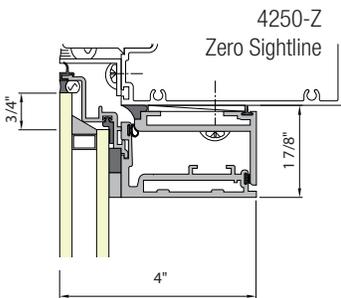
Standard 2250 Series insert vents also available

HP-Wall™

Multi-level thermal barrier for R5 performance - accepts double or triple insulating glass



Standard Narrow Stile Entrance - 4" Bottom Rail



High recycled content aluminum framing



- 📍 7800 International Drive. Wausau, WI 54401
- ☎ 1.877.678.2983
- ✉ info@wausauwindow.com
- 🌐 wausauwindow.com



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