

WOOD CURTAIN WALL SYSTEMS



Floor to ceiling daylight with the warmth of wood.

Wood Curtain Walls, also known as Window Walls, are an excellent way to flood a room with natural light while remaining protected from the elements. Constructed of glue laminated timber on the interior with durable aluminum pressure plates on the exterior, these natural wood framed units can be used as part of an exterior wall or to divide interior spaces and can span multiple floors. The aluminum pressure plates can be finished in the style of your choosing. Operable windows and doors can be integrated into the system to add ventilation and/or egress. Our Wood Curtain Walls make a dramatic statement for newly constructed and renovation projects alike.

FEATURES

PANELS:

- Outside set, pressure plate glazed system
- Overlapping construction creates positive drainage within profiles.
- Turn-key solutions
- LEED friendly system including recycled content
- Two-sided structurally-glazed system available, upon request

PERFORMANCE:

- Thermally enhanced profiles and sill members
- Test results available upon request

FINISHES:

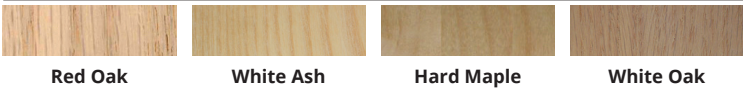
- Standard AAMA 2603 paint finishes: Black, White, Sandstone, Natural Clay, Bronze and Hartford Green
- AAMA 611 Class I anodized finishes: Clear, Dark Bronze
- Standard AAMA 2605 powder coat finishes: Black, White, Sandstone, Natural Clay, Bronze and Hartford Green
- Premium AAMA powder coat finishes
- Custom finishes:
 - Fluoropolymer (50% or 70%): AAMA 2605
 - Faux wood (Decoral)

ACCESSORIES:

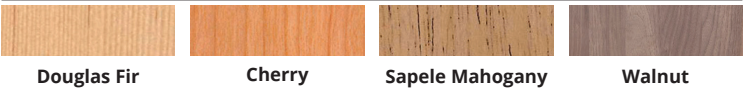
- Door and window system integration options
- Decorative accessories, including cover caps, interior trim, and simulated divided lites (SDLs)

FINISH OPTIONS

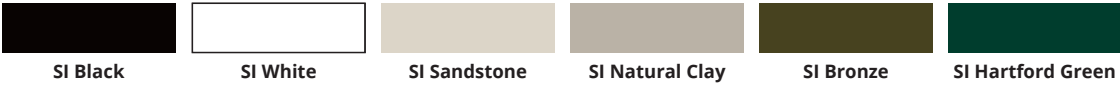
Wood/Glulam STANDARD*



Wood/Glulam PREMIUM*



Paint AAMA 2603 (5 year warranty). Finishes available while in stock.



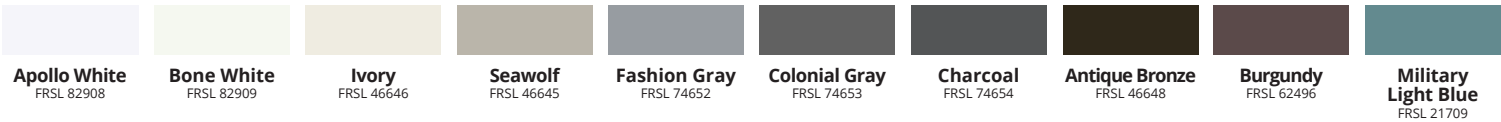
Anodized Additional cost



Powder Coat Solids STANDARD - AAMA 2605 (10 year; up to 20 year warranty). Scratch & fade resistant; contains no VOCs.*



Powder Coat Solids PREMIUM - AAMA 2605 (10 year; up to 20 year warranty). Scratch & fade resistant; contains no VOCs.*



Visit <https://www.ifscoatings.com/content/assets/Uploads/brochures/IFS-Architectural-Digital-Color-Card.pdf> for additional metallic and anodic finishes.

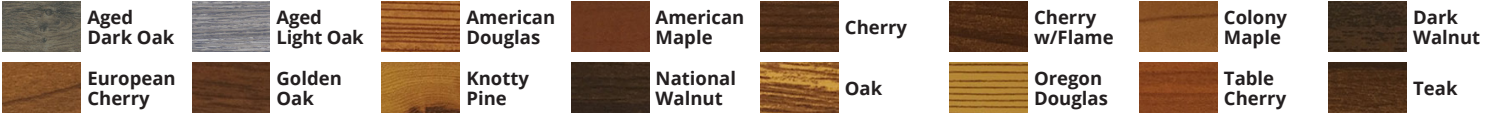
Metal Clad STANDARD* (EXTERIOR ONLY)



Metal Clad PREMIUM*



Decoral Finishes (Powder Coat)*

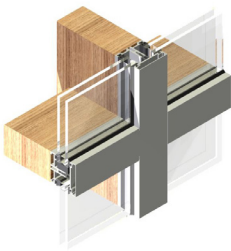


*Lead times subject to availability. ** Special order.

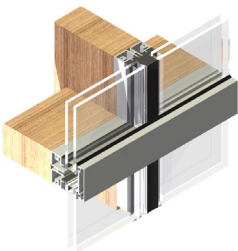
Note: Depending upon color selection, additional charges and increased lead times may apply. Extended warranties and service plans are available for an additional charge. Examples are shown as accurate as photography and printing processes allow. Final finish selection should be made from a physical sample; contact Solar Innovations® for samples. Product and finish options are subject to vendor availability. Solar Innovations® reserves the right to discontinue any option at any time without notice. Additional options, including custom color match, are available; contact Solar Innovations® for details.

CONFIGURATIONS

Our wood curtain wall system allows for two glazing options: a pressure-plate system and a two-sided structurally glazed system. The pressure-plate system is the most widely used and consists of durable aluminum pressure plates that hold the glass in place. They are installed on both the horizontal and vertical framing members. The two-sided structurally glazed system features the same aluminum pressure plate for the horizontal framing members but utilizes flush-glazed structural silicone for the vertical framing members. Both are suitable for exterior applications.



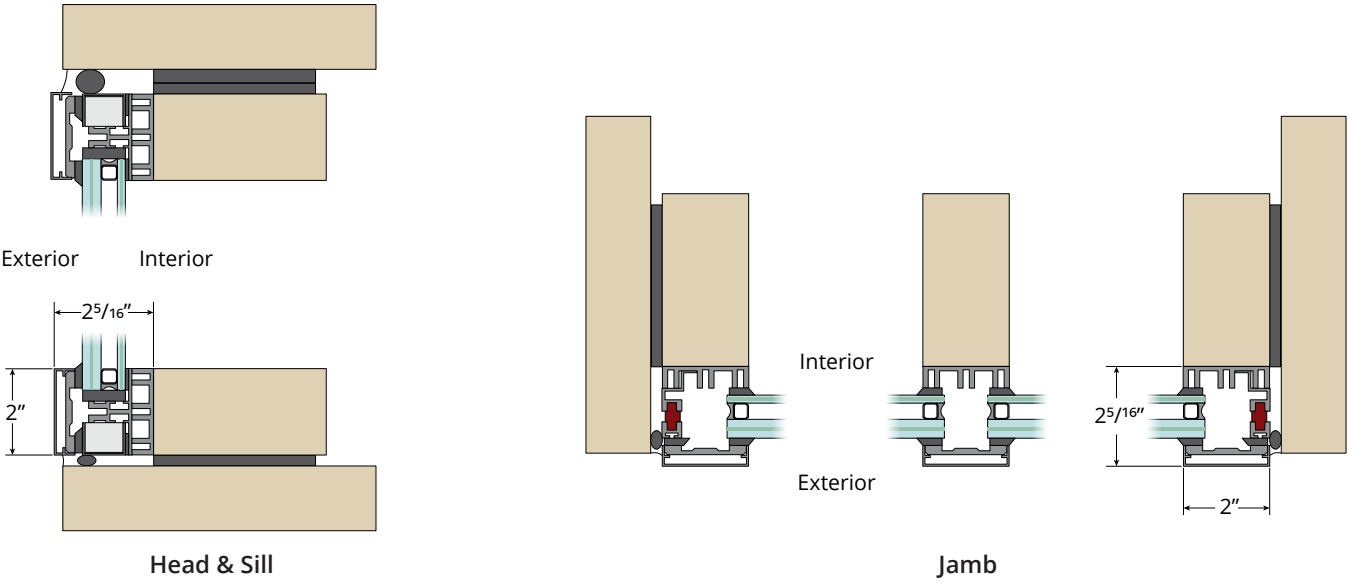
Wood Facade System
(Standard Option)



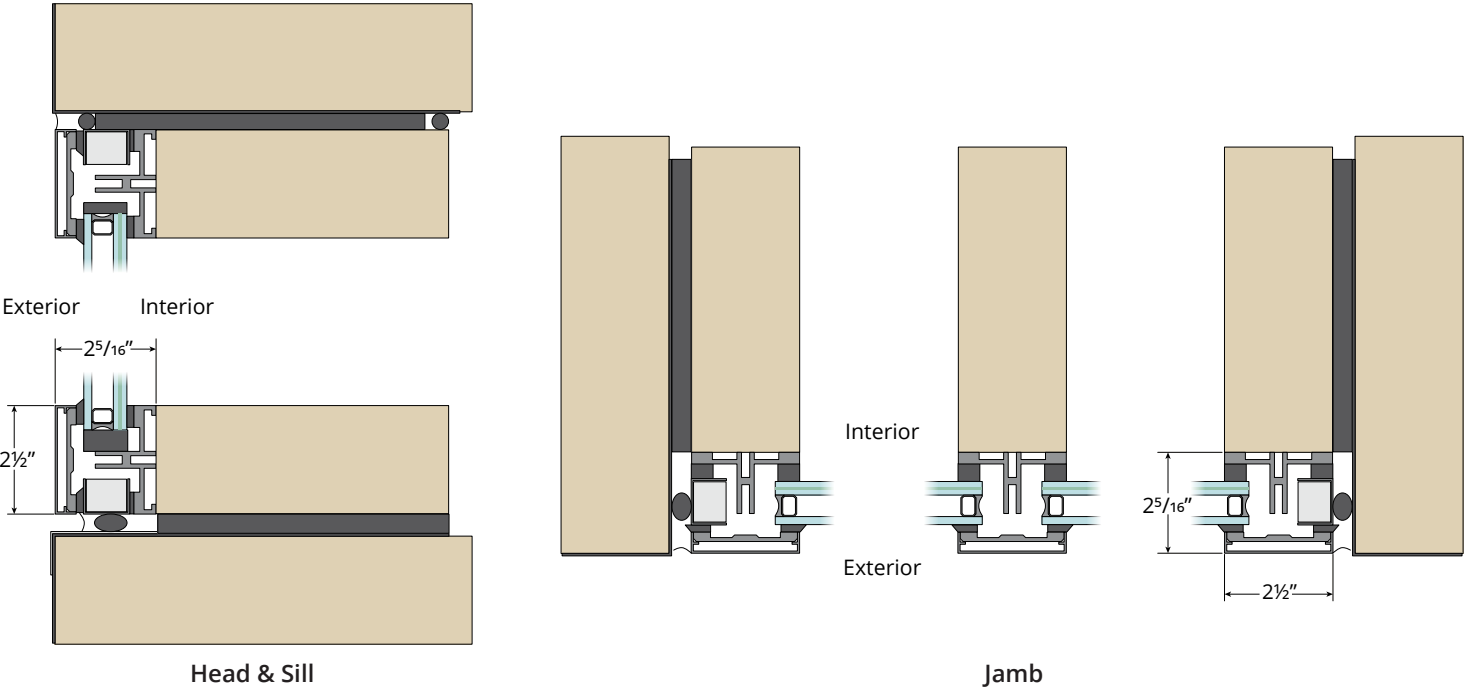
Two-Sided Structurally
Glazed Wood Facade



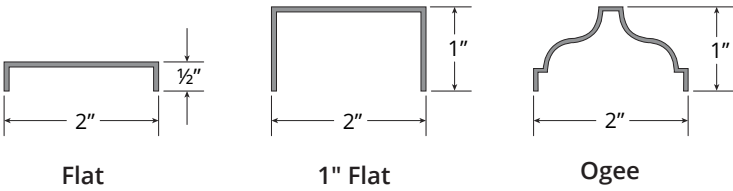
2" WOOD CURTAIN WALL DETAILS



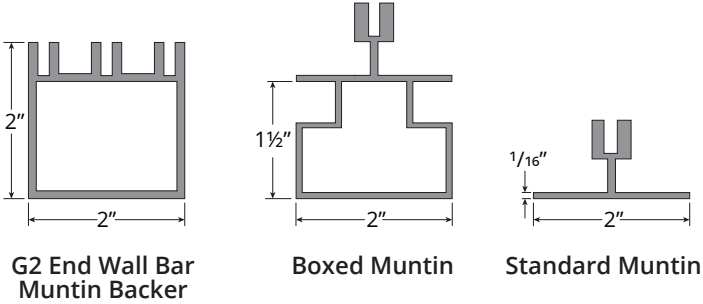
2½" WOOD CURTAIN WALL DETAILS



COVER CAPS



MUNTINS





GLASS SPECIFICATIONS

	Overall Unit Thickness	U-Value	R-Value	Solar Heat Gain Coefficient	Visible Light Transmission	Reflectance Out	Reflectance In	UV Transmittance
MONOLITHIC								
Clear	¼"	1.02	0.91	0.82	88%	8%	8%	62%
DOUBLE GLAZED Outside Lite/Inside Lite								
Clear/Clear	1"	0.46	2.17	0.78	82%	15%	15%	58%
180/Clear	1"	0.26	3.85	0.64	79%	15%	15%	29%
272/Clear	1"	0.25	4.00	0.41	72%	11%	12%	16%
366/Clear	1"	0.24	4.17	0.27	65%	11%	12%	5%
340/Clear	1"	0.25	4.00	0.18	39%	11%	13%	2%
180/i89	1"	0.21	4.76	0.62	77%	15%	14%	27%
272/i89	1"	0.20	5.00	0.41	70%	11%	11%	16%
366/i89	1"	0.20	5.00	0.27	63%	11%	11%	5%
340/i89	1"	0.20	5.00	0.17	38%	11%	12%	2%
Gray/Clear	1"	0.45	2.22	0.60	57%	9%	13%	32%
Gray/180	1"	0.26	3.85	0.49	53%	9%	14%	17%
Gray/272	1"	0.25	4.00	0.38	50%	8%	9%	10%
Bronze/Clear	1"	0.45	2.22	0.62	61%	10%	13%	31%
Bronze/180	1"	0.26	3.85	0.61	59%	10%	14%	17%
Bronze/272	1"	0.25	4.00	0.39	54%	8%	10%	10%
SolarBan 60/Clear	1"	0.24	-	0.39	70%	11%	12%	20%
SolarBan 70/Clear	1"	0.24	-	0.27	64%	14%	13%	6%
SolarBan 90/Clear	1"	0.24	-	0.23	51%	12%	19%	8%
TRIPLE GLAZED Outside Lite/Middle Lite/Inside Lite								
180/Clear/180	1½"	0.15	6.67	0.56	70%	20%	20%	13%
272/Clear/180	1½"	0.15	6.67	0.37	63%	15%	18%	8%
366/Clear/180	1½"	0.15	6.67	0.25	57%	14%	18%	2%
340/Clear/180	1½"	0.15	6.67	0.16	34%	13%	19%	1%