

ALUMINUM CURTAIN WALL SYSTEMS



The ultimate in natural light.

Curtain walls are an excellent way to bring natural light into a room while still remaining protected from the elements. Many providers often shy away from unique curtain wall projects that integrate canopies, doors, windows, and sloped glazing, but unique applications are where Solar Innovations® excels. Solar can work with you to identify the right concept for your location. Solar is the most experienced manufacturer, with the best thermally enhanced system for custom curtain walls and window wall applications.

FEATURES

PANELS:

- Outside set, pressure glazed system
- Overlapping construction creates positive drainage within profiles.
- Turn-key solutions
- LEED friendly system including recycled content
- Designed and manufactured in the U.S.A.

PERFORMANCE:

- Large missile impact tested
- Thermally enhanced profiles and sill members
- Test results available upon request

OPTIONS

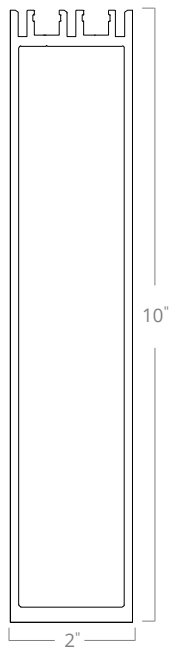
FINISHES:

- Standard finishes:
 - AAMA 2603: Bronze, White
 - AAMA 611 Class I Anodized: Clear, Dark Bronze
- Designer finishes:
 - AAMA 2603: Hartford Green, Black Natural Clay, Sandstone
- Custom finishes:
 - Powder coat finish: AAMA 2604 - 2605
 - Fluoropolymer (50% or 70%): AAMA 2604 - 2605
 - Metal cladding and foiling options
 - Dual color or dual finish options

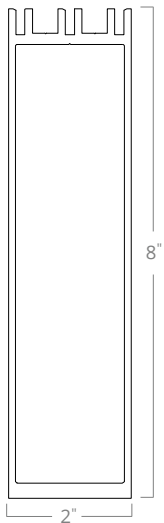
ACCESSORIES:

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

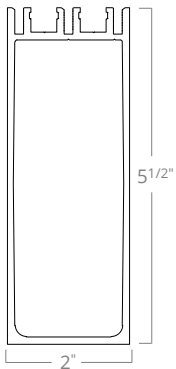
2" SYSTEM RAFTERS



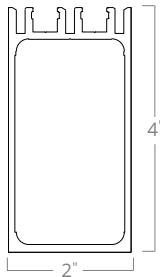
2"x10"
Rafter



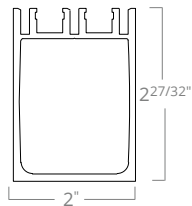
2"x8"
Rafter



Heavy
Glazing Bar
Rafter

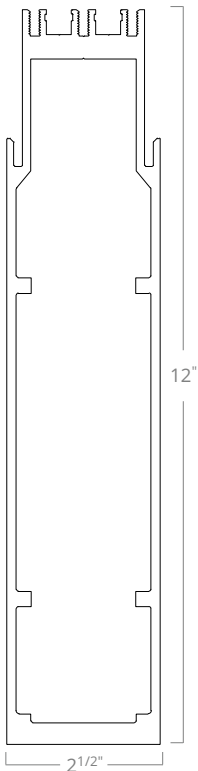


2"x4"
Rafter

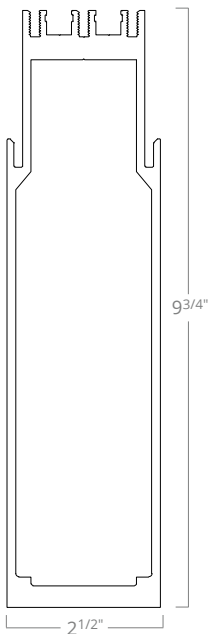


Regular
Glazing Bar
Rafter

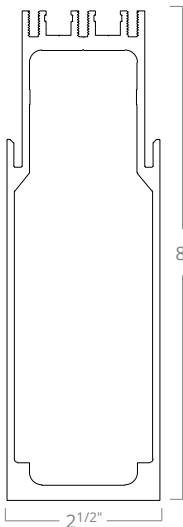
2 1/2" SYSTEM RAFTERS



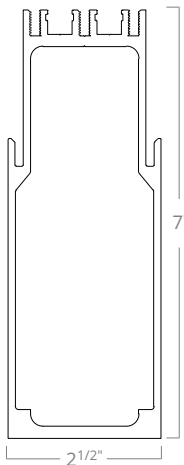
2 1/2"x12"
Rafter



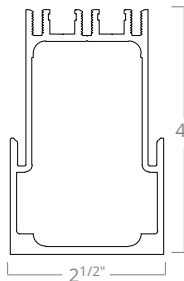
2 1/2"x9 3/4"
Rafter



2 1/2"x8"
Rafter

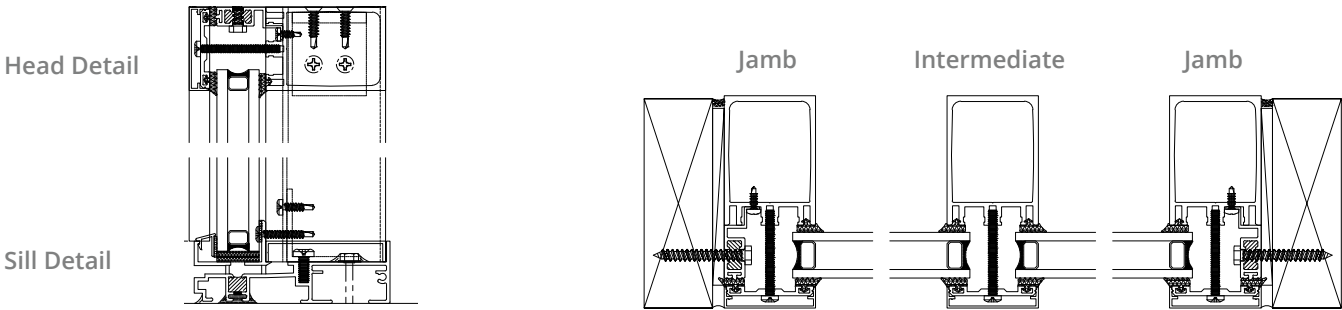


2 1/2"x7"
Rafter

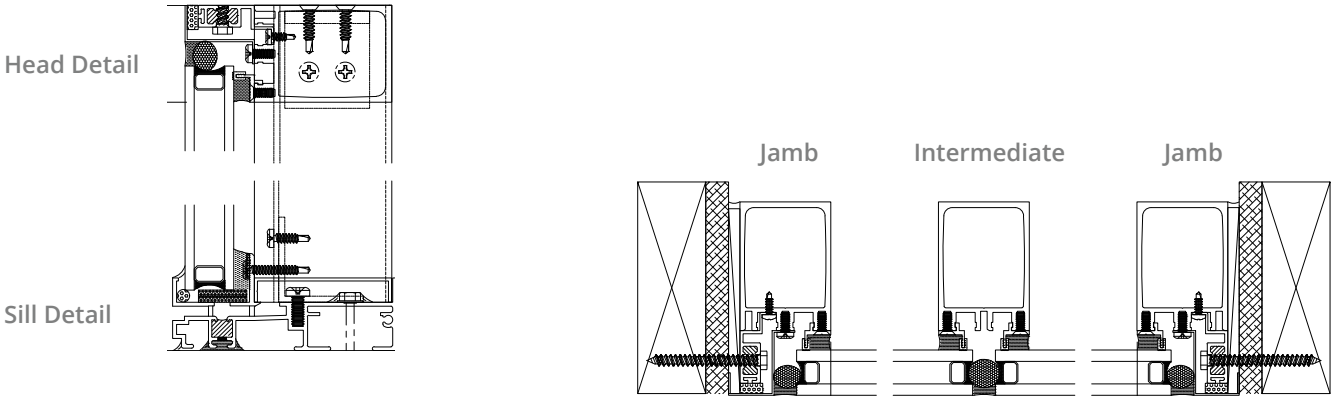


2 1/2"x4"
Rafter

REGULAR GLAZING BAR CURTAIN WALLCAP GLAZED



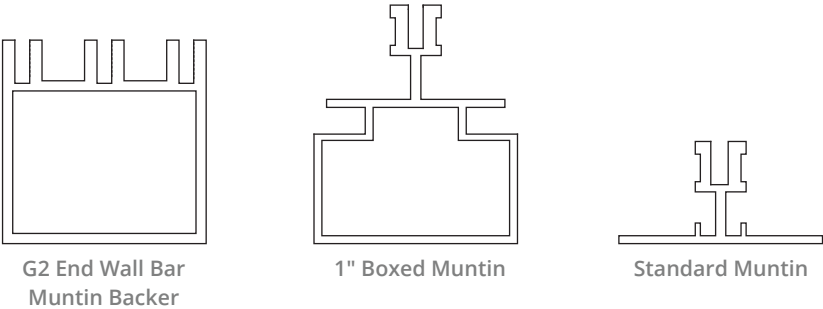
REGULAR GLAZING BAR CURTAIN WALL 4-SIDED STRUCTURALLY GLAZED



COVER CAP OPTIONS



MUNTIN OPTIONS



FINISH OPTIONS

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

**SI Black**
FRSL 11618

**SI White**
FRSL 83247


**SI Sandstone**
FRSL 46647

**SI Natural Clay**
FRSL 47591

**SI Bronze**
FRSL 97138

**SI Hartford Green**
FRSL 32872

Anodized Additional cost

**Class I Clear Anodized**

**Dark Bronze Anodized**

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

**Black**
FRSL 11618

**White**
FRSL 83247


**Sandstone**
FRSL 46647

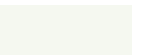
**Natural Clay**
FRSL 47591


**Bronze**
FRML 97138


**Hartford Green**
FRSL 32872


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


**Apollo White**
FRSL 82908


**Bone White**
FRSL 82909


**Ivory**
FRSL 46646


**Seawolf**
FRSL 46645


**Fashion Gray**
FRSL 74652

**Colonial Gray**
FRSL 74653

**Charcoal**
FRSL 74654

**Antique Bronze**
FRSL 46648

**Burgundy**
FRSL 62496

**Military Light Blue**
FRSL 21709

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

Metal Clad STANDARD*

**Copper**

**#4 Polished Stainless Steel**

Metal Clad PREMIUM*

**Rheinzink Bright Rolled**


**Rheinzink Blue Gray**


**Rheinzink Graphite Gray**


**Brass**


**Bronze**


Decoral Finishes (Powder Coat)*


**Knotty Pine 2103**
DS 716 Textured
DS 402 Smooth


**Douglas Fir 1501**
DS 716 Textured
DS 402 Smooth


**Acacia 1001**
DS 716 Textured
DS 402 Smooth


**Cherry 1402**
DS 716 Textured
DS 402 Smooth


**Acacia 1001**
DS 733 Textured
DS 403 Smooth

**Oak Assi 2501**
DS 733 Textured
DS 403 Smooth

**Cherry 1402**
DS 733 Textured
DS 403 Smooth

**Dark Walnut 1802**
DS 733 Textured
DS 403 Smooth

**Teak 2601**
DS 706 Textured
Mahogany Finish

**National Walnut 1806**
DS 706 Textured
Mahogany Finish

*Lead times subject to availability.

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.

TESTING

Air & Structure Impact Testing

TEST NUMBER	PANEL SIZE	CERTIFICATION	IMPACT	DESIGN PRESSURE	AIR INFILTRATION AT 6.24 PSF (50MPH)	WATER (@ 5.0gph/ft²)	GLAZING
18578.1 (FL) 110-15389-1 (NCTL)	115" H x 60" W	Florida	YES	± 65 PSF	0.02 CFM/FT²	20 PSF	1 1/16" HS IGU .090 SGP Interlayer

NFRC Testing

GLASS MAKE-UP	SIZE	U-VALUE	SHGC	VT	CR
3/16 LoE 366 / 3/16 i89	78.75" H x 79" W	0.27	0.25	0.55	0.53
3/16 LoE 366 / 3/16 Clear	78.75" H x 79" W	0.31	0.25	0.56	0.61
1/4 LoE 366 / 1/4 LoE i89	78.75" H x 79" W	0.27	0.25	0.55	0.52

Acoustical Testing

TEST NO.	SIZE	FRAMING	STC	OITC
G3482.01	78.75" H x 79" W	HGB	33	28

Please Note: Testing and performance results may vary depending upon sill, size, and hardware selections. Please be sure to visit our website at www.solarinnovations.com or contact your Solar Innovations® representative for additional product information. Additional testing (non-impact) available upon request.



Learn More

To find out more about the features and options of our aluminum curtain walls, visit our website at solarinnovations.com/our-products/aluminum-windows/curtain-wall/ or contact one of our sales representatives at **800 618 0669**.