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

2½" SYSTEM RAFTERS

- 2½"x12" Rafter
- 2½"x9¾" Rafter
- 2½"x8" Rafter
- 2½"x7" Rafter
- 2½"x4" Rafter
**REGULAR GLAZING BAR CURTAIN WALL**

CAP GLAZED

[Diagram of Head Detail, Jamb, Intermediate, Jamb, Sill Detail]

**REGULAR GLAZING BAR CURTAIN WALL**

4-SIDED STRUCTURALLY GLAZED

[Diagram of Head Detail, Jamb, Intermediate, Jamb, Sill Detail]

**COVER CAP OPTIONS**

- Flat Cap
- Ogee Cap
- Beveled Cap
- Fluted Cap
- Concave Cap

**MUNTIN OPTIONS**

- G2 End Wall Bar Muntin Backer
- 1" Boxed Muntin
- Standard Muntin
FINISH OPTIONS

Stock Finishes

SI White  SI Bronze  Class I Clear Anodized*  Dark Bronze Anodized*

Designer Finishes

SI Black  SI Sandstone  SI Natural Clay  SI Hartford Green

Metal Cladding

Copper  Lead Coated Copper  304 Stainless Steel #4 Satin Cladding  304 Stainless Steel #8 Mirror Cladding

Powder Coating Solids

Bone White  Fashion Gray  Colonial Gray  Military Light Blue  Burgundy  Charcoal  Champagne  Cosmic Gray  Light Bronze  Copper

Powder Coating Metallics

Faux Wood Finishes

Acacia 1001 DS 402 Smooth  Acacia 1001 DS 403 Smooth  Douglas Fir 1501 DS 402 Smooth  Cherry 1402 DS 402 Smooth  Knotty Pine 2103 DS 402 Smooth  Cherry 1402 DS 403 Smooth  Oak Assi 2501 DS 403 Smooth  Dark Walnut 1802 DS 403 Smooth  Teak 2601 DS 403 Smooth  National Walnut 1806 DS 403 Smooth

*Stock anodized finishes are available at an additional cost.

Please Note: Depending upon color selection, extra cost and lead times may apply for all finishes other than Solar Innovations® stock standards. Color illustrations are shown as accurate as standard photography and printing processes allow. Final finish selection should be made from a physical sample; please contact Solar Innovations® to receive samples. All 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 matches, are available; contact a Solar Innovations® sales designer for details.

TESTING

Air & Structure Impact Testing

<table>
<thead>
<tr>
<th>TEST NUMBER</th>
<th>PANEL SIZE</th>
<th>CERTIFICATION</th>
<th>IMPACT</th>
<th>DESIGN PRESSURE AT 6.24 PSF (50MPH)</th>
<th>AIR INFILTRATION AT 6.24 PSF (50MPH)</th>
<th>WATER @ 5.0gph/ft²</th>
<th>GLAZING</th>
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<tbody>
<tr>
<td>18578 (FL)</td>
<td>115” H x 60” W</td>
<td>Florida</td>
<td>YES</td>
<td>± 65 PSF</td>
<td>0.02 CFM/FT²</td>
<td>20 PSF</td>
<td>1.1/16” HS IGU .99GSP Interlayer</td>
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NFRC Testing

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<tr>
<th>GLASS MAKE-UP</th>
<th>SIZE</th>
<th>U-VALUE</th>
<th>SHGC</th>
<th>VT</th>
<th>CR</th>
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<tbody>
<tr>
<td>3/16 LoE 366 / 3/16 i89</td>
<td>78.75” H x 79” W</td>
<td>0.27</td>
<td>0.25</td>
<td>0.55</td>
<td>0.53</td>
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<tr>
<td>3/16 LoE 366 / 3/16 Clear</td>
<td>78.75” H x 79” W</td>
<td>0.31</td>
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<td>0.56</td>
<td>0.61</td>
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<tr>
<td>1/8 LoE 366 / 1/8 LoE 189</td>
<td>78.75” H x 79” W</td>
<td>0.27</td>
<td>0.25</td>
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Acoustical Testing

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<tr>
<th>TEST NO.</th>
<th>SIZE</th>
<th>FRAMING</th>
<th>STC</th>
<th>OITC</th>
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<tr>
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<td>78.75” H x 79” W</td>
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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.