Effortlessly open up your space to the outdoors.

Series SI8000 Aluminum Sliding Glass Door Systems expand the view of any living space or commercial area. These systems can be used as external entryways or transitions between two interior spaces. Motorization options, pocketing possibilities, countless custom configurations, and expansive panel sizes make our Sliding Glass Doors a flexible design element that complements any space.

**FEATURES**

**PANELS**
- Standard finishes:
  - AAMA 2603: Bronze, White
  - AAMA 611 Class I Anodized: Clear, Dark Bronze
- Weather tight jamb interlock provides outstanding air and water performance
- Non-thermal frame available if desired for certain applications
- LEED friendly system including recycled content
- Designed and manufactured in the U.S.A.

**HARDWARE**
- Custom manufactured operable hardware
- Multiple hardware styles and finishes
- Stainless steel rollers with precision bearings
  - 3” rollers for minimum panel width of 30”
  - 113/16” rollers for minimum panel width of 20”
- Smaller panels may be available upon engineering approval

**OPTIONS**

- 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
  - Wood veneer, metal cladding, and foiling options
  - Dual color or dual finish options
- Motorized panels and screens possible, with wireless remote, keypad, motion sensor, or infrared sensor controls
- No post 90 degree corners possible
- Pocketing options: single or double sided
- Insect screen options: sliding, retractable
- Multiple sill designs, including high performance sill
- Factory installed sill drain tubes, if required
- Decorative interior and exterior low profile grids
- Designed to accommodate almost any glazing infill including panels, glass, acrylic, and polycarbonate
HARDWARE

SLIDING GLASS DOOR SYSTEMS

A: Handles

Standard Handle

- Ergonomic

<table>
<thead>
<tr>
<th>Ergonomic</th>
<th>Interior</th>
<th>Exterior</th>
</tr>
</thead>
<tbody>
<tr>
<td>Black</td>
<td></td>
<td></td>
</tr>
<tr>
<td>White</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Painted Aluminum</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Standard Recessed Handle

- Recessed Flush Lock

<table>
<thead>
<tr>
<th>Recessed Flush Lock</th>
<th>Interior</th>
<th>Exterior</th>
</tr>
</thead>
<tbody>
<tr>
<td>Black</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Satin Nickel</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Pocket Door Hardware

- Edge Pull

Pocket Doors Only
Available in Clear Anodized Only

Coastal Recessed Handle

- Recessed Thumb Turn

<table>
<thead>
<tr>
<th>Recessed Thumb Turn</th>
<th>Interior</th>
<th>Exterior</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dark Bronze Anodized</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Clear Anodized</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Additional handle styles, colors, and back plate options available upon request. Non-standard handle options may increase lead times and/or cost.

Please Note: All hardware is subject to vendor availability. Custom finishes may be available upon request at additional lead time and/or cost. Solar Innovations® reserves the right to discontinue any hardware option at any time. Please be sure to visit our website for additional product information: www.solarinnovations.com
Rollers

1 13/16" Stainless Steel Wheels Roller
WITH STAINLESS STEEL PRECISION BEARINGS
G2 ONLY

3" Nylon Wheels Roller
WITH STAINLESS STEEL PRECISION BEARINGS

3" Stainless Steel Wheels Roller
WITH STAINLESS STEEL PRECISION BEARINGS

CONFIGURATIONS

FINISH OPTIONS

Stock Finishes

<table>
<thead>
<tr>
<th>SI White</th>
<th>SI Bronze</th>
<th>Class I Clear Anodized</th>
<th>Dark Bronze Anodized</th>
</tr>
</thead>
</table>

Designer Finishes

<table>
<thead>
<tr>
<th>SI Black</th>
<th>SI Sandstone</th>
<th>SI Natural Clay</th>
<th>SI Hartford Green</th>
</tr>
</thead>
</table>

Metal Cladding

<table>
<thead>
<tr>
<th>Copper</th>
<th>Lead Coated Copper</th>
<th>304 Stainless Steel #4 Satin Cladding</th>
<th>304 Stainless Steel #8 Mirror Cladding</th>
</tr>
</thead>
</table>

Faux Wood Finishes

| Acacia 1001 DS 716 Textured DS 402 Smooth | Acacia 1001 DS 733 Textured DS 403 Smooth | Douglas Fir 1501 DS 716 Textured DS 402 Smooth | Cherry 1402 DS 716 Textured DS 402 Smooth | Knotty Pine 2103 DS 716 Textured DS 402 Smooth | Cherry 1402 DS 733 Textured DS 403 Smooth | Oak Assi 2501 DS 733 Textured DS 403 Smooth | Dark Walnut 1802 DS 733 Textured Mahogany Finish | Teak 2601 DS 706 Textured Mahogany Finish | National Walnut 1806 DS 706 Textured Mahogany Finish |

Wood Veneering (Unfinished)

| White Oak | Birch | Mahogany | Southern Yellow Pine | Northern White Pine | Red Oak | Spanish Cedar | Western Red Cedar | Douglas Fir | White Maple |

Please Note: Depending upon color selection, additional charges and increased lead times may apply. 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 match, are available; contact Solar Innovations® for details.
G2 System

The G2 Multi-Track Sliding Glass Door System is a thermally enhanced door ideal for any commercial or residential entryway. The frame uses a thermal strut system that separates the interior metal from the exterior metal. By including this thermal break, the temperature transfer between the outdoors and indoors is limited.

G2 Impact System

The G2 Impact Multi-Track Sliding Glass Door System is a thermally enhanced, high performance hurricane impact rated door. With all of the options of the G2 System, this option is simply for conditions that require a high performance fenestration system.

G2 STC Rated System

The G2 STC Rated Multi-Track Sliding Glass Door System is ideal for any application that has sound transmission class (STC) requirements. Though acoustic values are typically specific to the glazing selection, the construction of the frame can greatly influence the acoustical performance. The G2 STC Rated System combines enhanced acoustical performance, superior thermal performance, and outstanding functionality.

PLEASE NOTE: Any variation in configuration, sill, or size from tested standards will need to be tested to confirm STC rating.

Panels

- Minimum panel size: 20" wide; smaller panels may be available upon engineering approval
- Impact panel size up to 5' x 8'; non-impact panel size up to 5' x 10'; larger panel options may be available depending on application
- Motorized panels available

Glazing

- Designed to accommodate almost any monolithic, insulated, laminated, decorative, polycarbonate, or solid panel infill from 3/16" to 1"

Performance

- Water performance up to 12psf, depending on sill choice, configuration, and water column
- Higher design pressure ratings available with engineering approval
- Test results available upon request

**Florida Impact Performance Test #110-10818-2**

<table>
<thead>
<tr>
<th>PANEL SIZE</th>
<th>NUMBER OF PANELS</th>
<th>DESIGN PRESSURE</th>
<th>AIR AT 1.57 PSF</th>
<th>WATER</th>
<th>GLAZING SELECTION</th>
</tr>
</thead>
<tbody>
<tr>
<td>60.5&quot; H x 96&quot; W</td>
<td>Unlimited</td>
<td>± 65 PSF</td>
<td>FL 16028.2</td>
<td>0.14 CFM/FT²</td>
<td>Monolithic 7/16&quot; HS (3/16 over 3/16 .090 SGP Inner Layer) Insulated 1 1/16&quot; HS (3/16 Tempered over 7/16 HS .090 SGP Inner Layer)</td>
</tr>
</tbody>
</table>

**Test Results**

- **F3159.01**
  - 14" Annealed Exterior, 1/2" Air Space, 1/4" Laminated Interior, Glass Temperature 75°F
  - STC: 33, OITC: 29

**G2 STC Rated System Acoustical Testing**

<table>
<thead>
<tr>
<th>TEST REPORT</th>
<th>GLAZING THICKNESS</th>
<th>GLAZING MAKEUP</th>
<th>STC</th>
<th>OITC</th>
</tr>
</thead>
<tbody>
<tr>
<td>F3159.01</td>
<td>1&quot;</td>
<td>1/4&quot; Annealed Exterior, 1/2&quot; Air Space, 1/4&quot; Laminated Interior, Glass Temperature 75°F</td>
<td>33</td>
<td>29</td>
</tr>
</tbody>
</table>
Sill Options

- High Performance Thermal Sill
- Extra High Performance Thermal Sill
- Low Profile Thermal Sill with Ramps
- Low Profile Thermal Sill
- Non-Thermal Tile Sill

Vertical & Horizontal Rail Options

- Head Detail
- Standard Bottom Rail
- Heavy Bottom Rail
- Hook Rail
- Hurricane Hook Rail
- Thermal Hurricane Hook Rail
- Handle Rail
- Standard Mullion

Mullions (True Divided Lites)

Please note: All mullions offered by Solar Innovations® include thermal break, regardless of the system.

Jamb Details

- Standard Handle Jamb
- Standard Flush Jamb
- Hurricane Hook Rail / Standard Jambs
- High Deflection Handle Jamb
- High Deflection Flush Jamb
- Hurricane Hook Rail / High Deflection Jambs

Options dependent upon desired size and engineering requirements.
The G3 STC Rated Multi-Track Sliding Glass Door System is ideal for any application that has sound transmission class (STC) requirements. Though acoustic values are typically specific to the glazing selection, the construction of the frame can greatly influence the acoustical performance. The G3 STC Rated System combines enhanced acoustical performance, superior thermal performance, and outstanding functionality.

PLEASE NOTE: Any variation in configuration, sill, or size from tested standards will need to be tested to confirm STC rating.

G3 STC Rated System

The G3 STC Rated Multi-Track Sliding Glass Door System is ideal for any application that has sound transmission class (STC) requirements. Though acoustic values are typically specific to the glazing selection, the construction of the frame can greatly influence the acoustical performance. The G3 STC Rated System combines enhanced acoustical performance, superior thermal performance, and outstanding functionality.

G3 System

The G3 Multi-Track Sliding Glass Door System is a thermally enhanced door ideal for any commercial or residential entryway. The frame uses a thermal strut system that separates the interior metal from the exterior metal. By including this thermal break, the temperature transfer between the outdoors and indoors is limited.

G3 Impact System

The G3 Impact Multi-Track Sliding Glass Door System is a thermally enhanced, high performance hurricane impact rated door. With all of the options of the G3 System, this option is simply for conditions that require a high performance fenestration system.

G3 STC Rated System Acoustical Testing

<table>
<thead>
<tr>
<th>TEST REPORT</th>
<th>GLAZING THICKNESS</th>
<th>GLAZING MAKEUP</th>
<th>STC</th>
<th>OITC</th>
</tr>
</thead>
<tbody>
<tr>
<td>C2184-01-11-11</td>
<td>1 3/8&quot;</td>
<td>1/4&quot; Laminated over 3/4&quot; Air Space over 3/8&quot; Laminated</td>
<td>42</td>
<td>36</td>
</tr>
</tbody>
</table>

Water performance up to 15psf, depending on sill choice and configuration

Higher water and structural performance available with engineering approval

Panels

- Minimum panel width: 30”
- smaller panels may be available upon engineering approval
- Panel size up to 3’ x 14’; larger panel options may be available depending on application
- Motorized panels available

Glazing

- Designed to accommodate almost any monolithic, insulated, laminated, decorative, polycarbonate, or solid panel infill from 1 1/4” to 1 3/8”

Performance

- Water performance up to 15psf, depending on sill choice and configuration
- Structural tested up to a design pressure of 100psf
- Higher water and structural performance available with engineering approval

Panels

<table>
<thead>
<tr>
<th>PANEL SIZE</th>
<th>AIR INFILTRATION AT 1.57 PSF (25MPH)</th>
<th>WATER PENETRATION</th>
<th>DESIGN PRESSURE</th>
<th>UNIFORM LOAD STRUCTURAL TEST</th>
<th>OVERLOAD</th>
<th>IMPACT &amp; CYCLING</th>
</tr>
</thead>
<tbody>
<tr>
<td>115&quot; H x 60&quot; W</td>
<td>0.10 CFM/FT²</td>
<td>7.52 PSF up to 3/16&quot;</td>
<td>10.56 PSF</td>
<td>0.06%</td>
<td>± 70 PSF</td>
<td>± 105 PSF</td>
</tr>
</tbody>
</table>

G3 System Air & Structure Impact Testing

Testing and performance results may vary depending upon sill, size, and hardware selections. Please be sure to visit our website or contact your Solar Innovations® representative for additional product information.
Sill Options

- High Performance Thermal Sill
- Extra High Performance Thermal Sill
- Low Profile Thermal Sill with Ramps
- Low Profile Thermal Sill
- Non-Thermal Tile Sill

Vertical & Horizontal Rail Options

- Head Detail
- Standard Bottom Rail
- Hook Rail
- Hurricane Hook Rail
- Hurricane Flush Rail
- Handle Rail
- Vertical Mullion
- Horizontal Mullion

Mullions (True Divided Lites)

Please note: All mullions offered by Solar Innovations® include thermal break, regardless of the system.

Jamb Details

- Standard Handle Jamb
- Standard Flush Jamb
- Hurricane Hook Rail / Standard Jambs

Options dependent upon desired size and engineering requirements.

Learn More

To find out more about the features and options of our Sliding Glass Doors, visit our website at solarinnovations.com/sliding-doors/