Effortlessly open up your space to the outdoors.

Sliding glass door systems expand the view of any living space and 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. Where engineering allows, a pocket system can be added so the doors are completely hidden from view while open, creating an unobstructed view. Solar Innovations® also recommends the addition of a screen system for residential applications; both pet and insect screens are available to meet the individual needs of a specific project.

FEATURES

PANELS
- Motorized panels and screens possible with wireless remote, keypad, motion sensor, or infrared sensor controls
- LEED friendly system including recycled content
- Designed and manufactured in the U.S.A.

PERFORMANCE:
- Weather tight jamb interlock provides outstanding air and water performance
- Non-thermal frame available if desired

GLAZING:
- Designed to accommodate almost any glazing infill including panels, glass, acrylic, and polycarbonate

HARDWARE
- Custom manufactured operable hardware
- Multiple hardware styles and finishes
- Multiple sill designs, including high performance sill
- Stainless steel rollers with precision bearings
  - 3" rollers for minimum panel width of 30"
  - 1 13/16" rollers for minimum panel width of 20"
- Smaller panels may be available upon engineering approval

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
  - Wood veneer, metal cladding, and foiling options
- Dual color or dual finish options

ACCESSORIES:
- Matching fixed transoms & sidelites
- Screen options: folding, sliding, retractable
- Mullions, decorative muntins, simulated divided lites (SDLs), interior & exterior grids
- No post 90° corners possible
- Pocketing options: single or double sided
- Factory installed sill drain tubes, if required
**HARDWARE**

**A: Handles**

**STANDARD HANDLE**

- **Ergonomic Edge Pull**
  - **Interior**
  - **Exterior**
  - **Black**
  - **White**
  - **Painted Aluminum**

**POCKET DOOR HARDWARE**

- **Edge Pull**
  - **Pocket Doors Only**
  - **Available in Clear Anodized Only**

**STANDARD RECESSED HANDLE**

- **Recessed Flush Lock**
  - **Locking Option**
  - **No Lock Option**
  - **Black**
  - **Satin Nickel**

**COASTAL RECESSED HANDLE**

- **Recessed Thumb Turn**
  - **Dark Bronze Anodized**
  - **Clear Anodized**

**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**

**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](http://www.solarinnovations.com)
CONFIGURATIONS

Additional configurations are available.

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

- Acacia 1001
  DS 716 Textured
  DS 402 Smooth
- Acacia 1001
  DS 700 Textured
  DS 402 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 700 Textured
  DS 402 Smooth
- Oak Assi 2501
  DS 733 Textured
  DS 403 Smooth
- Dark Walnut
  1802
  DS 706 Textured
  Mahogany Finish
- Teak 2601
  DS 706 Textured
  Mahogany Finish

Wood Veneering (Unfinished)

- White Oak
- Birch
- Sapele
- Southern Yellow Pine
- Northern White Pine
- Red Oak
- Spanish Cedar
- Western Red Cedar
- Douglas Fir
- White Maple

*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.

GRID OPTIONS

- Arched Grid
- Gothic Grid
- Double Gothic Grid
- Traditional Grid
- Cross Grid
- English Grid
G2 SLIDING GLASS DOORS

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
- Maximum 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 1/16"

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

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

<table>
<thead>
<tr>
<th>PANEL SIZE</th>
<th>NUMBER OF PANELS</th>
<th>DESIGN PRESSURE</th>
<th>CERTIFICATION</th>
<th>AIR AT 1.57 PSF</th>
<th>WATER</th>
<th>GLASS SELECTION</th>
</tr>
</thead>
<tbody>
<tr>
<td>60.5&quot; W x 96&quot; H</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 Tempered over 7/16 HS .090 SPG Inner Layer) Insulated 1 1/16&quot; HS (3/16 Tempered over 7/16 HS .090 SPG Inner Layer)</td>
<td></td>
</tr>
</tbody>
</table>

### 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>F3159.61</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>

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
- Low Profile Thermal Sill with Ramps
- Nonthermal Tile Sill

Vertical & Horizontal Rail Options

- Head Detail
- Standard Bottom Rail
- Heavy Bottom Rail
- Hook Rail
- Hurricane Hook Rail
- Thermal Hurricane Flush Rail
- Handle Rail
- High Wind Hook 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 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 System Air & Structure Impact Testing

<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 IMPACT &amp; CYCLING</th>
</tr>
</thead>
<tbody>
<tr>
<td>60&quot; W x 115&quot; H</td>
<td>0.10 CFM/FT²</td>
<td>7.52 PSF</td>
<td>± 70 PSF</td>
<td>± 70 PSF</td>
<td>± 105 PSF ± 70 PSF</td>
</tr>
</tbody>
</table>

GLASS SELECTION: Insulated 1 1/4" HS (3/16 Tempered over 7/16 HS .090 SPG Inner Layer)

**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>C2184-01-113-11</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>

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.

Panels
- Minimum panel width: 30"; smaller panels may be available upon engineering approval
- Panel size up to 5' x 15'; 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 12psf, depending on sill choice and configuration
- Structural tested up to a design pressure of 100psf
- Higher water and structural performance available with engineering approval
Sill Options

- High Performance Thermal Sill
- Extra High Performance Thermal Sill
- Low Profile Thermal Sill with Ramps
- Low Profile Thermal Sill
- Nonthermal 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/ or contact one of our sales representatives at 800 618 0669.