

WOOD SLIDE & STACK GLASS WALL SYSTEMS



The ultimate in adaptive design.

Slide and stack glass wall systems feature individual panels that slide along a top hung track and stack to a remote location or into a pocketed space within a home. This system is designed to accommodate a large number of panels that open to provide unobstructed views. Slide and stack glass walls offer an incredibly flexible and customizable opening and can be incorporated into any residential or commercial project, including covered patios, enclosed porches, restaurants, stadiums, storefronts, and pool houses.

FEATURES

PANELS:

- Top load panels
- Unlimited panels and configurations
- LEED friendly system including recycled content
- Designed and manufactured in the U.S.A.

PERFORMANCE:

- Water performance up to 6.0 psf
- Structurally tested up to 40psf
- Thermally enhanced utilizing thermal strut

HARDWARE:

- Custom manufactured operable hardware
- Panic hardware and closer options available
- Panel assemblies, including hardware and trolleys, designed to minimize and simplify maintenance
- Multiple sill designs, including ADA compliant ramps
- Factory installed sill drain tubes, if required

GLAZING:

- Designed to accommodate almost any glazing infill including panels, glass, acrylic, and polycarbonate from 3/8" to 1 1/8" or higher with approval

OPTIONS

FINISHES:

- Interior Applications: Wood ICA both sides
- Exterior Applications: ICA interior, Aluminum clad exterior
- Standard wood species
 - Red Oak, White Ash, Hard Maple, White Oak
- Designer wood species
 - Douglas Fir, Cherry, Sapele Mahogany, Walnut
- Standard aluminum cladding finishes
 - AAMA 2603: Bronze, White
 - AAMA 611 Class I Anodized: Clear, Dark Bronze
- Designer aluminum cladding finishes
 - AAMA 2603: Hartford Green, Black, Natural Clay, Sandstone
 - Optional 2604-2605 aluminum finishes

ACCESSORIES:

- Matching fixed transoms & sidelites
- Integrated options:
 - Swing doors - single or double
 - Dutch doors - single or double
 - Pet doors
- Screen options: folding, sliding, retractable
- Mullions, decorative muntins, simulated divided lites (SDLs), interior and exterior grids

HARDWARE



A: Handles

SOLID BRASS — COASTAL APPLICATIONS*

Toronto
Standard

A **G**
C **H**
E **I**

Atlanta

G **H**

Dallas

A **I**
G **I**
H

München

A **G**
B **H**
C **I**
E **J**

Ródos

B **G**
C **H**
E **I**

Verona

A **F**
B **G**
C **H**
D **I**
E

Finish Options

A Polished Brass	B Antique Brass	C Brushed Chrome*	D Polished Chrome*	E Oil Rubbed Brass
F White	G Matte Black	H Satin Nickel*	I Rustic Umber	J Dark Bronze Metallic

*Coastal applications are only available with select finish options.

ALUMINUM — INLAND APPLICATIONS

Frankfurt

Pure White
Pure Silver

London

ZAMAC/BRASS — INLAND APPLICATIONS (G2 ONLY)

Allegro

Satin Chrome
Polished Chrome*
Polished Brass

Torino

Antique Brass
Oil Rubbed Bronze
Dark Bronze PC

Venice

Black PC
White PC
Satin Nickel
Dark Bronze
Pewter

* Not available for Torino

Additional handle styles, colors, and back plate options available upon request. Non-standard handle options may increase lead times and/or cost. All handles available with thumbturn interior lock with lever exterior, lever interior and exterior, and thumbturn interior lock with keyed exterior options.

B: Hinges



Semi-Concealed Hinge

C: Locks



Two Point Locking Handle Non-Keyed



Two Point Keyed Lock

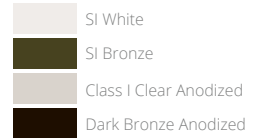


Thumbturn Lock

Pull Hardware



Low Profile Handle



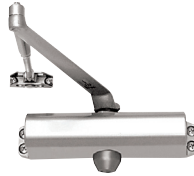
Closer, Catch, & Limiter



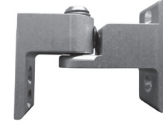
D Series 7414 Door Closer



D Series TS93 Door Closer



C Series PR82 Door Closer



Adjustable Door Catch



Door Limiter

Door Closer Finishes: Aluminum Painted, Bronze, Black

Adjustable Door Catch Finishes: Clear Anodized, Dark Bronze Anodized, White Painted, and Bronze Painted.

Commercial Panic Hardware Options



Exterior Entry Trim SQUARE



Mortise Panic



PUSH/PULL



PUSH ONLY Wire Pulls

Passive Hardware Sets



SQUARE Commercial



TORONTO

Concealed vertical rod available on commercial panic hardware.

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: solarinnovations.com

Panels

- Minimum panel width: 24"; smaller panels may be available based upon engineering
- Maximum panel size: 3' x 10'; larger panel options may be available depending on application*

*Please note that while fabrication allows for larger sizes, operation may become more difficult in applications over 3' x 10'.

Glazing

- Designed to accommodate monolithic and insulated glazing infills from 1/4" to 1 1/2"

Performance

- Acoustical performance utilizing G3 Narrow: STC 32 / OITC 28
- Air, water, structural, and thermal testing in progress

Retail Applications

Slide and stack walls are ideal for storefronts; they completely remove the indoor/outdoor barrier for customers during the day and provide efficient security after hours.



WOOD OPTIONS

Wood/Glulam STANDARD*



Wood/Glulam PREMIUM*



ALUMINUM CLADDING FINISHES

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



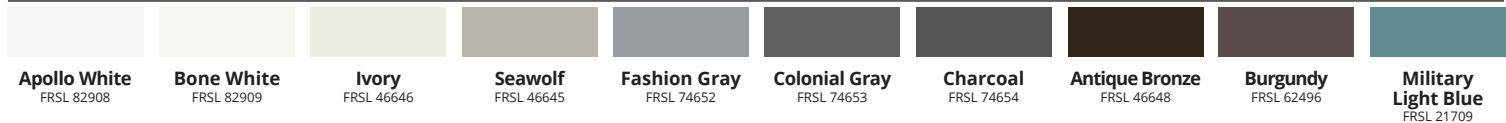
Anodized Additional cost



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*



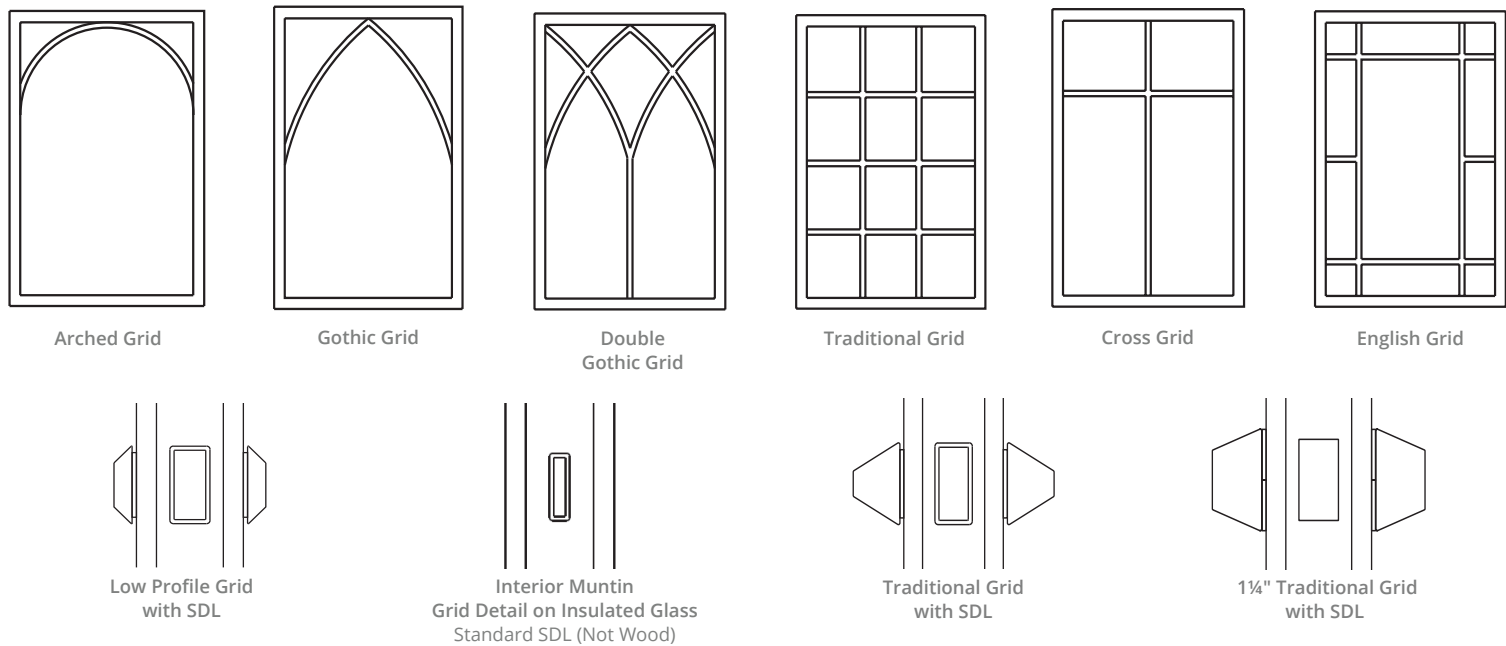
Metal Clad PREMIUM*



*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.

ALUMINUM & WOOD GRID OPTIONS



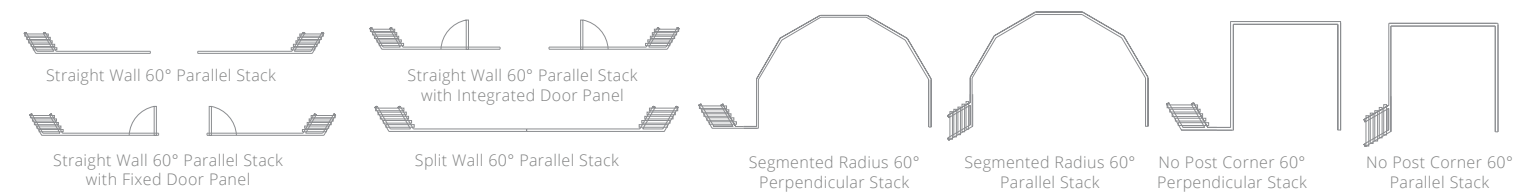
Low profile grids can be used on all systems. Please visit solarinnovations.com for additional decorative options.

To find out more about the features and options of our folding glass walls, visit our website at solarinnovations.com/folding-glass-walls or contact one of our sales representatives at 800 618 0669.

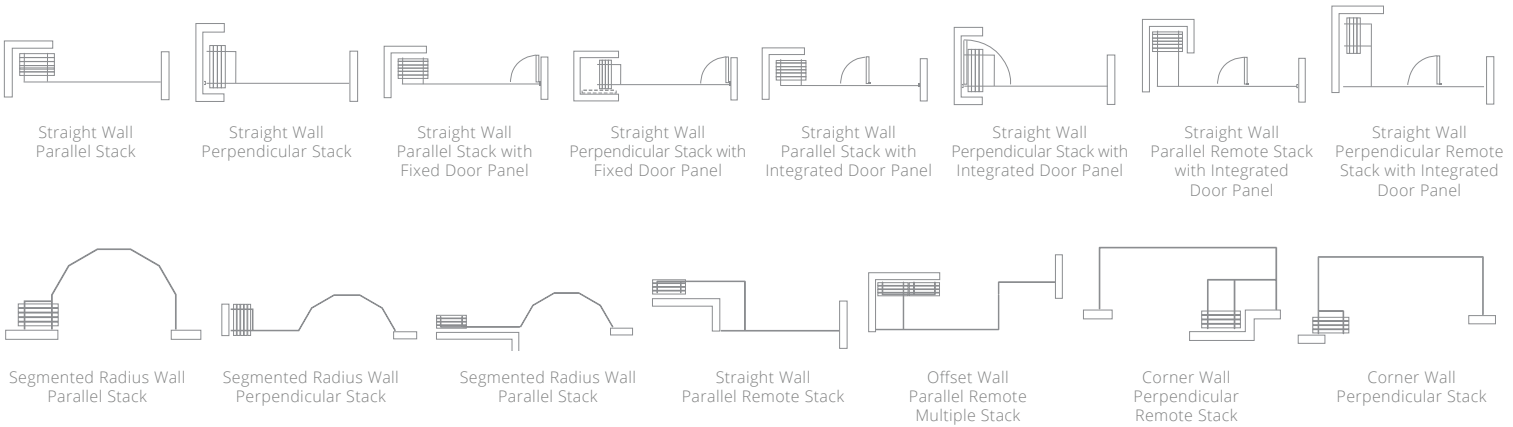
CONFIGURATIONS

60° Offset Stack Individual Panels

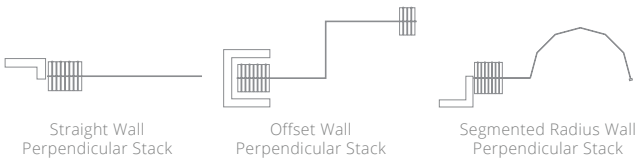
Stacking wall configurations in excess of 8' in height should utilize the 60° configurations for ease of one-handed door operation.



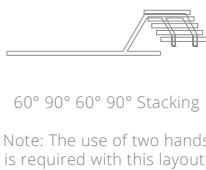
90° Offset Stack Individual Panels



90° Center Hung Hinged Pairs



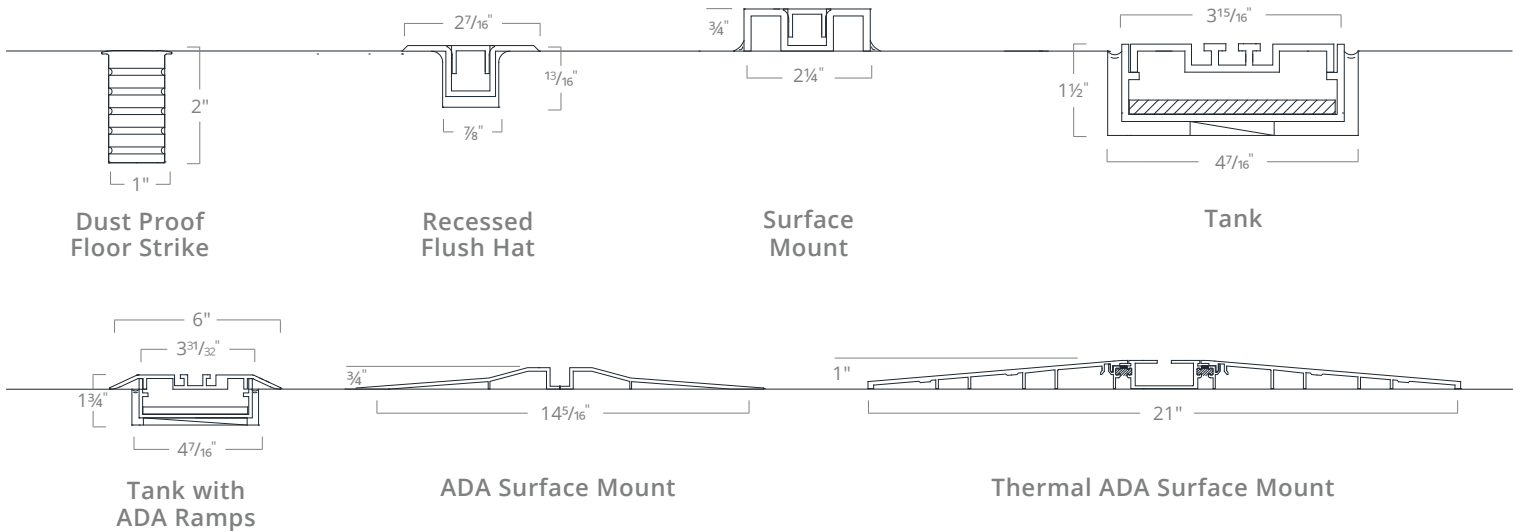
Custom Configurations



Limitless custom configurations

Consult Solar Innovations® Sales & Engineering Departments for custom project-specific designs.

SILL OPTIONS

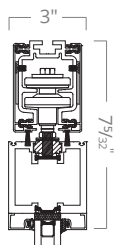




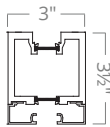
Pool & Spa Applications

Stacking glass walls can be used to enclose a pool or spa area, allowing the space to be enjoyed year round.

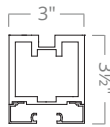
Vertical & Horizontal Rail Options



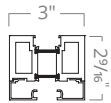
Head Detail



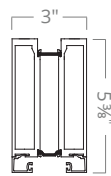
Standard Thermal



Standard Nonthermal



Narrow Thermal



Stretch Rail

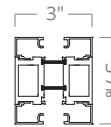


10" Bottom Rail

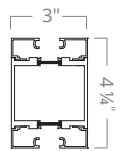
Mullion Options

(True Divided Lites)

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



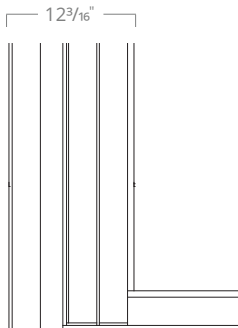
G3 Terrace Door Mullion



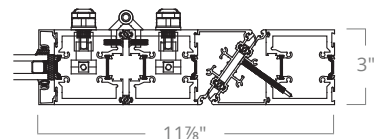
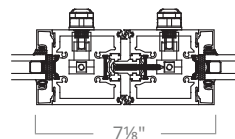
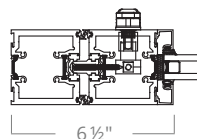
G3 Mullion 275

Jamb Details

Standard Jamb & Frame



Standard Jamb & Frame



Top and bottom horizontals unable to utilize Narrow framing. Options dependent upon desired size and engineering requirements.



Learn More

To find out more about our Slide & Stack Glass Wall systems, visit our website at <http://solarinnovations.com/stacking-glass-walls> or contact one of our sales representatives at 800 618 0669.