

VINYL-COMPOSITE FOLDING GLASS WALLS



An energy efficient solution for indoor/outdoor living.

Solar Innovations® Vinyl-Composite Folding Glass Walls are the perfect solution to highlight a panoramic view or achieve an indoor/outdoor experience. Compression seals and multi-point hardware help to limit dust and dirt in sills, while increasing air and water performance. Swing doors can be integrated into the folding walls, allowing the user to easily enter and exit a room without opening the entire system. Our Vinyl-Composite Systems offer a good alternative when the cost of aluminum or solid wood isn't in the budget.

FEATURES

OPERATION:

- Top or bottom load
- In-fold or out-fold operation
- Endless configurations possible
- Swing door integration
- No corner post setup available
- Center pivot option

FRAMING:

- Vinyl composite
- Three standard frame widths
- Up to 3' x 8' panels and larger
- Standard, high performance and ADA compliant sills
- Matching sidelites and transoms
- LEED friendly system including recycled content

HARDWARE:

- Multiple handle styles and finishes
- Panic hardware and closer options available
- Roller assemblies designed to minimize and simplify panel maintenance
- Zero-maintenance extruded aluminum hinges with stainless steel pins
- Custom manufactured pulls and locks
- Closers (overhead)

GLAZING:

- Designed to accommodate almost any glazing infill including glass, acrylic, polycarbonate and solid panels, from 3/16" to 1 7/16"

PERFORMANCE:

- Air, water, impact, structural, acoustical and thermally tested options

FINISHES:

- Cream White, Tan

OPTIONS:


- Framed and cartridge retractable screen options
- Manufacturer-installed sill drain tubes, if required
- Mullions, decorative muntins, simulated divided lites (SDLs), interior and exterior grids

HARDWARE




A: Handles

SOLID BRASS — COASTAL APPLICATIONS*



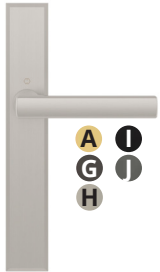
Toronto
Standard

A G
C H
E I




Atlanta

G H




Dallas

A I
G I
H



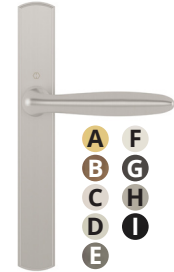
München

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



London

Pure Silver

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: Pull Hardware



C: Hinges



D: Locks



Pull Hardware, Hinge, and Lock Finish Options

 SI White

 SI Bronze

 Class I Clear Anodized

 Dark Bronze Anodized

Custom color options are also available with engineering approval.

* Additional cost

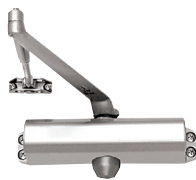
Closer, Catch, & Limiter



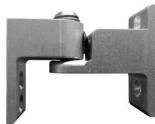
D Series 7414 Door Closer



D Series TS93 Door Closer



C Series PR82 Door Closer



Adjustable Door Catch



Door Limiter

Door Closer Finishes: Aluminum Painted, Bronze, and 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



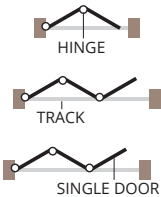
Toronto

Concealed vertical rod available.

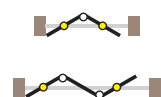
Please Note: All hardware is subject to vendor availability. Custom finishes may be available upon request at additional lead time and/or cost. Solar Innovations® reserves the right to discontinue any hardware option at any time. Please be sure to visit solarinnovations.com for additional product information.

CONFIGURATIONS/OPERATION

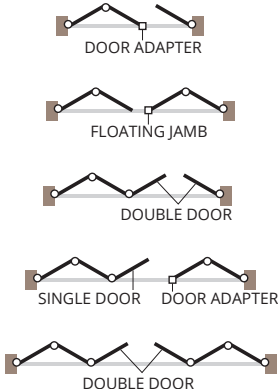
Single Direction (All Wall)




Center Pivot




Split Wall




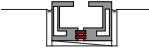
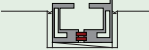
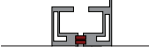






FINISH OPTIONS

 Cream White 136

 Tan 304 (temporarily unavailable, except in wide and narrow frames)

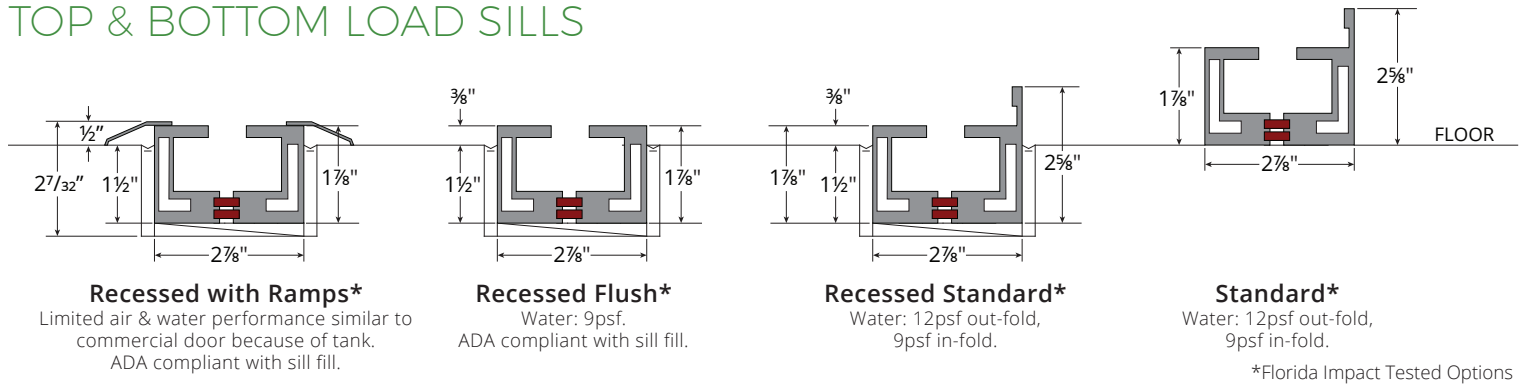
Please Note: Depending upon color selection, extra cost and lead times may apply for all finishes other than Solar Innovations® stock standards. Color illustrations are shown as accurate as standard photography and printing processes allow. Final finish selection should be made from a physical sample;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

SILL COMPARISONS

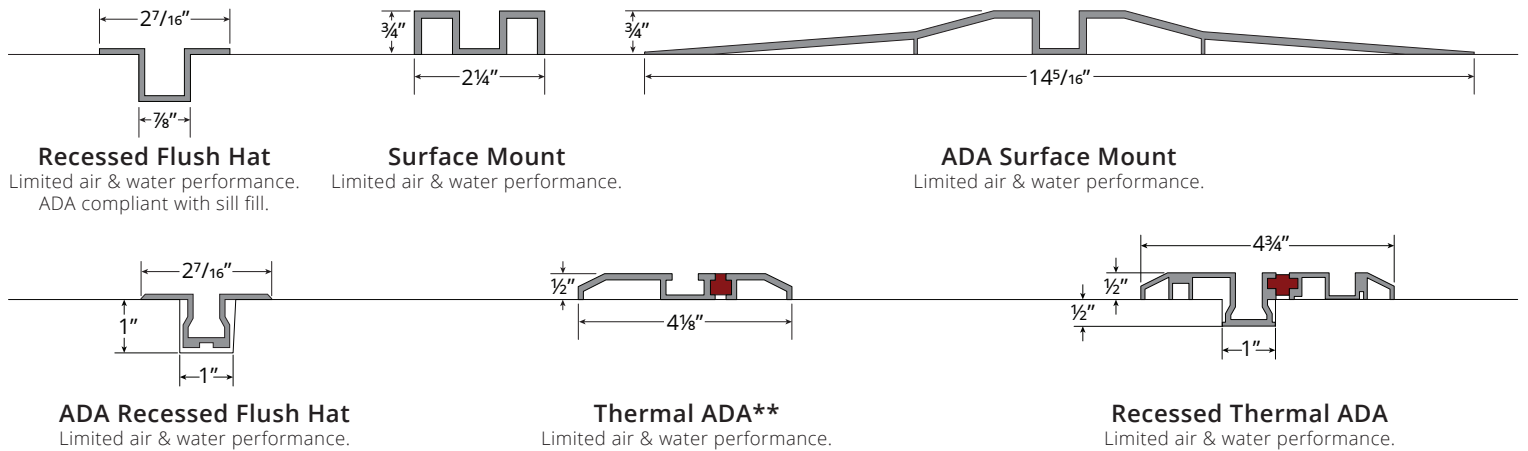
| Folding Glass Wall Sill Type | | Application | Top Load | Bottom Load | Recessed | Surface Mount | ADA Compliant | Florida Impact Tested | Water Performance | Max. Panel Height | Max. Frame Width | Max. Header Deflection |
|---|-------------------------------|----------------------|----------|-------------|----------|---------------|---------------------|-----------------------|------------------------------|-------------------|------------------|------------------------|
|  | G2 Recessed with Ramps | Interior or Exterior | Yes | Yes | Yes | No | Yes, with Sill Fill | Yes | Limited* | Varies | Varies | 3/16" |
|  | G2 Recessed Flush | Interior or Exterior | Yes | Yes | Yes | Yes | Yes, with Sill Fill | Yes | 9psf | Varies | Varies | 3/16" |
|  | G2 Recessed Standard | Interior or Exterior | Yes | Yes | Yes | No | No | Yes | 12psf Outfold 9psf Infold | Varies | Varies | 3/16" |
|  | G2 Standard | Interior or Exterior | Yes | Yes | No | Yes | No | Yes | 12psf Outfold 9psf Infold | Varies | Varies | 3/16" |
|  | Recessed Flush Hat | Interior or Exterior | Yes | No | Yes | No | Yes, with Sill Fill | No | Limited* | 10' 6" | Varies | 3/16" |
|  | ADA Recessed Flush Hat | Interior or Exterior | Yes | No | Yes | No | Yes | No | Limited* | 10' | Varies | 3/16" |
|  | Surface Mount | Interior or Exterior | Yes | No | No | Yes | No | No | Limited* | 10' 6" | Varies | 3/16" |
|  | ADA Surface Mount | Interior or Exterior | Yes | No | No | Yes | Yes | No | Limited* | 10' 6" | Varies | 3/16" |
|  | Thermal ADA | Interior or Exterior | Yes | No | No | Yes | Yes | No | Limited* | 8' | 16' | 3/32" |
|  | Recessed Thermal ADA | Interior or Exterior | Yes | No | Yes | No | Yes | No | Limited* | 10' | Varies | ¼" |

*Limited air and water performance similar to a commercial door

TOP & BOTTOM LOAD SILLS



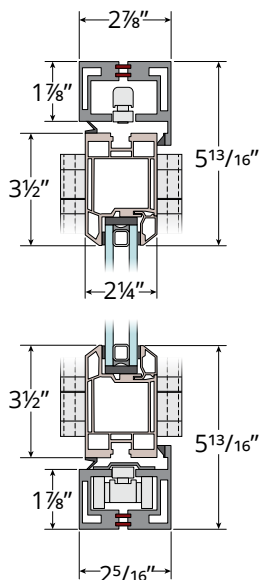
TOP LOAD ONLY SILLS



Note: Center Pivot Folding Glass Walls will get limited air and water performance.

** 8' maximum panel height, 16' maximum frame width, $\frac{3}{32}$ " maximum allowable header deflection.

DETAILS



Learn More

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