

WOOD SWING DOOR SYSTEMS



Versatile entrances for any application.

While swing doors may be one of the simplest and most common door systems, they should not be overlooked when designing and planning a residential space. Choose from a large offering of side-hinged swing door options, including terrace, French, and Dutch doors. With numerous custom decorative glazing options, finishes, matching sightlines, and transom options, these swing doors can fit any need. Depending on your preference, the doors can either blend in with the aesthetics of a surrounding structure, act as utilitarian entrances, or they can be the star of the show with the grandeur of a true entry door. Swing doors feature similar panel and hardware design as Solar Innovations® operable walls and structures, creating a consistent appearance throughout any project.

FEATURES

PANELS:

- Terrace, French or Dutch doors
- Inswing or outswing
- LEED friendly system including recycled content
- Designed and manufactured in the U.S.A.

PERFORMANCE:

- Test results available upon request

GLAZING:

- Designed to accommodate almost any monolithic, insulated, laminated, decorative, polycarbonate, or solid panel infill from 3/16" to 1 1/2"

HARDWARE:

- Zero-maintenance semi-concealed corrosion-proof extruded aluminum hinge with stainless steel pin
- Panic hardware, door limiters & door closers
- Multiple hardware styles & finishes
- Multi-point locking hardware for added security

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
- Multiple sill designs, including ADA compliant ramp
- Factory machined weep slots, if required
- Mullions, decorative muntins, simulated divided lites (SDLs), interior & exterior grids
- Screen options: swinging, folding, sliding, retractable

HARDWARE




A: Handles

SOLID BRASS — COASTAL APPLICATIONS*




Toronto
Standard

A G
C H
E I




Atlanta

G H




Dallas

A I
G J
H



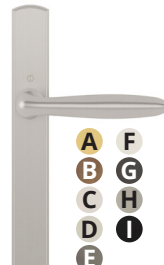
München

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

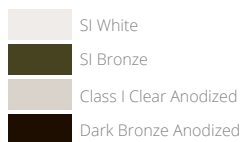
* Not available for Torino

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.

C: Hinges



Semi-Concealed Hinge



D: Locks



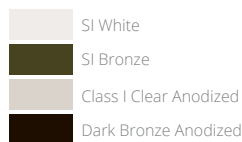
Two Point Locking Handle Non-Keyed



Two Point Keyed Lock



Thumbturn Lock



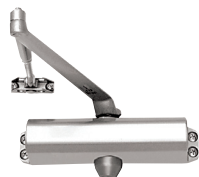
Closer, Catch, & Limiter



D Series 7414 Door Closer



D Series TS93 Door Closer



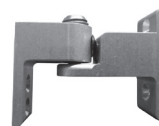
C Series PR82 Door Closer



D Series BTS80 Floor Closer



R Series H28S Floor 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

Concealed vertical rod available on commercial panic hardware.

Passive Hardware Sets



Square
Commercial



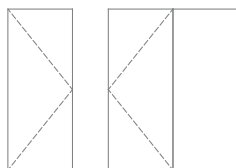
Toronto

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

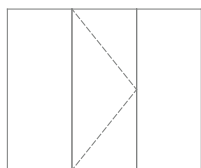
CONFIGURATIONS

Additional configurations are available.

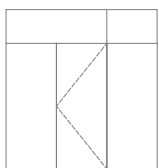
Terrace Door



w/ sidelite

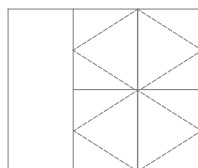
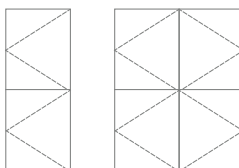


w/ sidelites

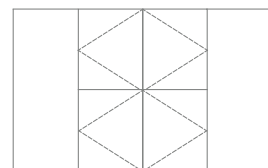


w/ sidelites & transom

Dutch Door

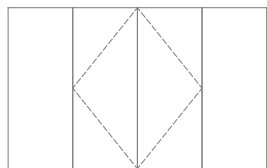
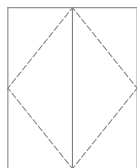


w/ sidelite

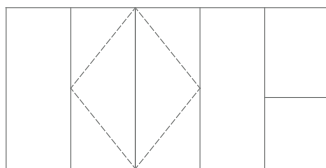


w/ sidelites

French Door



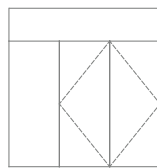
w/ sidelites



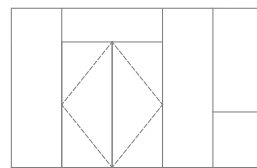
w/ sidelites



w/ transom



w/ sidelite & transom



w/ sidelites & transom

Panels

- Minimum panel width: 24" x 80"; smaller panels considered windows by code but may be available upon engineering approval
- Panel size up to 5' x 15'; larger panel options may be available depending on application

Glazing

- Designed to accommodate almost any monolithic, insulated, laminated, decorative, polycarbonate, or solid panel infill from ¼" to 1½"

Performance

- Water performance up to 6 psf, depending on sill choice and configuration
- Structural tested up to a design pressure of 40 psf
- Higher water and structural performance available with engineering approval

WOOD OPTIONS

Wood/Glulam STANDARD*



Wood/Glulam PREMIUM*



ALUMINUM CLADDING FINISHES

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



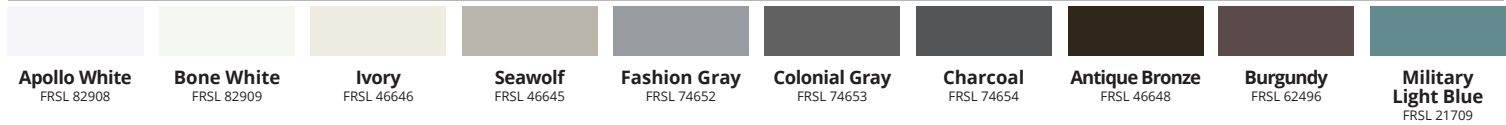
Anodized Additional cost



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.ifscatings.com/content/assets/Uploads/brochures/IFS-Architectural-Digital-Color-Card.pdf> for additional metallic and anodic finishes.

Metal Clad STANDARD*



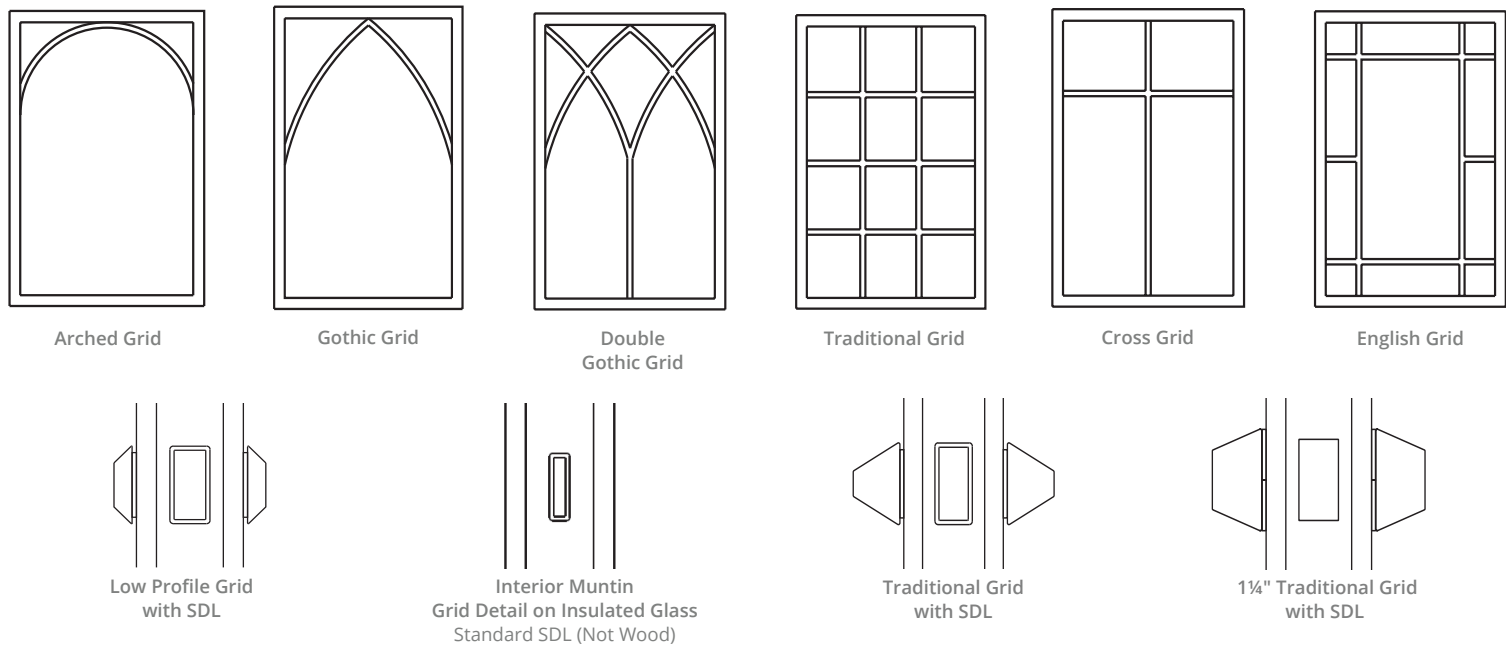
Metal Clad PREMIUM*



*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.

G3 SWING DOORS



G3 Terrace & French Door

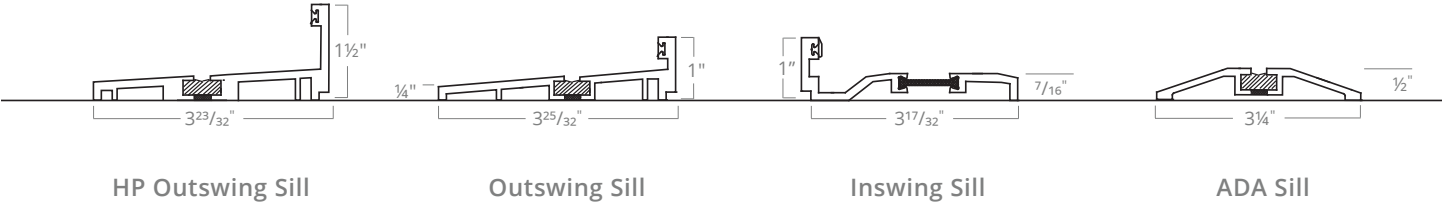
Both the G3 Terrace and French doors create a thermally-enhanced entrance to any home or business. They are ideal for commercial and residential applications where panels will exceed 48" x 96". The panel frame uses a thermal strut system that separates the interior and exterior metals. By including this thermal break, the temperature transfer between the outdoors and indoors is limited.

Commercial systems can be ADA compliant and equipped with standard push/pull hardware and locking mechanisms. Panic hardware and 10" bottom rail are also available upon request. Residential systems can include any of the commercial options and are also outfitted with multi-point locking hardware.

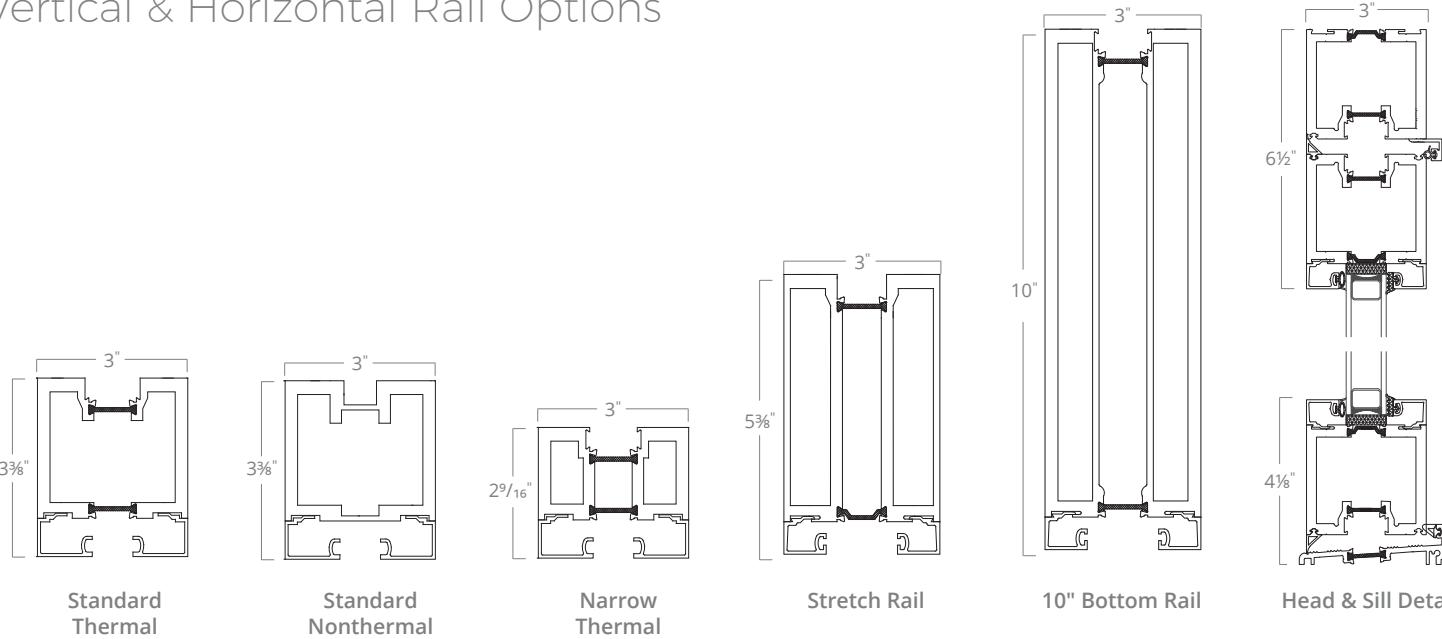
G3 Dutch Door

Dutch Doors, also known as split doors, barn-style doors, and stable doors, consist of two independent panel doors stacked atop one another. With Dutch-Style Doors, the top panel can be opened while the bottom panel remains closed, making them ideal for childcare facilities or any location with animals. Solar Innovations® Dutch Doors are available in Terrace and French Door configurations and can be designed for either inswing or outswing operation.

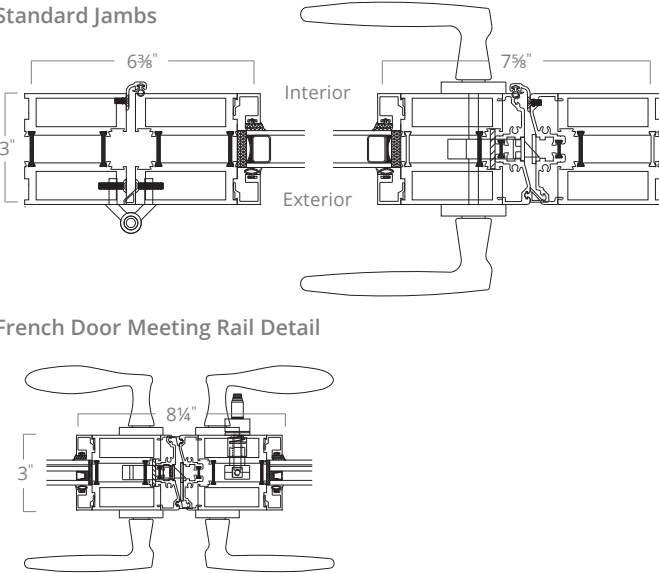
Sill Options



Vertical & Horizontal Rail Options



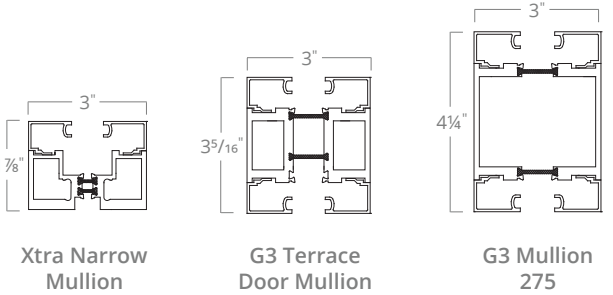
Jamb Details



Mullion Options

(True Divided Lites)

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



Options dependent upon desired size and engineering requirements.