

# 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 1½"

### 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



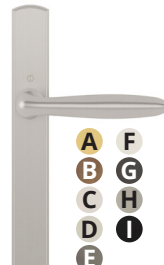
**München**

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

<b>A</b> Polished Brass	<b>B</b> Antique Brass	<b>C</b> Brushed Chrome*	<b>D</b> Polished Chrome*	<b>E</b> Oil Rubbed Brass
<b>F</b> White	<b>G</b> Matte Black	<b>H</b> Satin Nickel*	<b>I</b> Rustic Umber	<b>J</b> 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

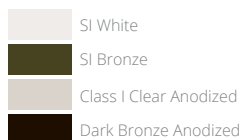
\* Not available for Torino

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



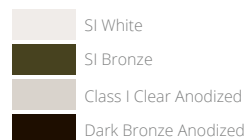
Two Point Locking Handle Non-Keyed



Two Point Keyed Lock



Thumbturn Lock



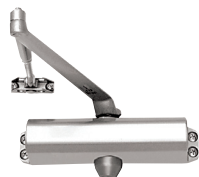
## Closer, Catch, & Limiter



D Series 7414 Door Closer



D Series TS93 Door Closer



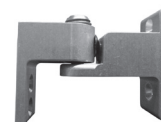
C Series PR82 Door Closer



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



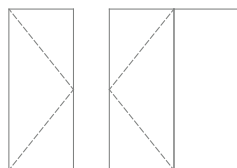
Toronto

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

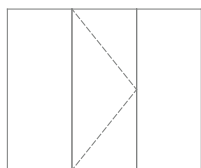
## CONFIGURATIONS

Additional configurations are available.

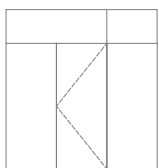
### Terrace Door



w/ sidelite

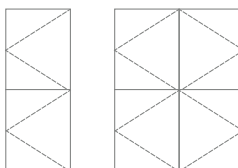


w/ sidelites

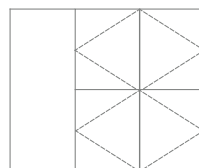


w/ sidelites & transom

### Dutch Door

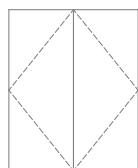


w/ sidelite

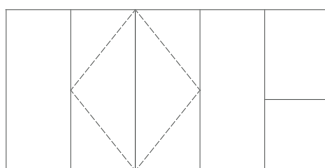
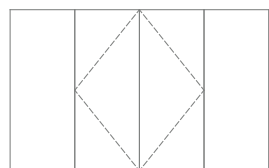


w/ sidelites

### French Door



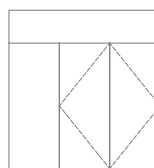
w/ sidelites



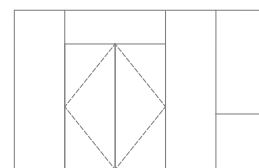
w/ sidelites



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\*

Red Oak

White Ash

Hard Maple

White Oak

Wood/Glulam DESIGNER\*

Douglas Fir

Cherry

Sapele Mahogany

Walnut

ALUMINUM CLADDING FINISHES

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

SI Black

SI White

SI Sandstone

SI Natural Clay

SI Bronze

SI Hartford Green

Anodized Additional cost

Class I Clear Anodized

Dark Bronze Anodized

Paint DESIGNER - AAMA 2604 (5 year warranty), AAMA 2605 (10 year; up to 20 year warranty). Scratch & fade resistant; contains no VOCs.\*

SI Black

SI White

SI Sandstone

SI Natural Clay

SI Bronze

SI Hartford Green

Powder Coat Solids AAMA 2605 (10 year; up to 20 year warranty). Scratch & fade resistant; contains no VOCs.\*†

Black  
SRSL 11386  
FRSL 11390

Apollo White  
SRSL 82519  
FRSL 82908

Bone White  
SRSL 82520  
FRSL 82909

Ivory  
SRSL 45891  
FRSL 46646

Sandstone  
SRSL 45892  
FRSL 46647

Seawolf  
SRSL 46636  
FRSL 46645

Fashion Gray  
SRSL 74008  
FRSL 74652

Colonial Gray  
SRSL 74009  
FRSL 74653

Charcoal  
SRSL 74007  
FRSL 74654

Military Light Blue  
SRSL 21708  
FRSL 21709

Burgundy  
SRSL 62487  
FRSL 62496

Hartford Green  
SRSL 32545  
FRSL 32872

Antique Bronze  
SRSL 45893  
FRSL 46648

Powder Coat Metallics AAMA 2604, AAMA 2605\*

Silver Sparkle

Champagne

Copper

Pewter

Metal Clad STANDARD\*

Copper

#4 Polished Stainless Steel

Metal Clad DESIGNER\*

Rheinzink Bright Rolled

Rheinzink Blue Gray

Rheinzink Graphite Gray

Brass

Bronze

\*Adds one to three weeks to lead time. † Dependent on shelf life, some AAMA 2604 & 2605 finishes may be unavailable; Hartford Green is being phased out.

**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. FSC options available.

ALUMINUM & WOOD GRID OPTIONS

Arched Grid

Gothic Grid

Double Gothic Grid

Traditional Grid

Cross Grid

English Grid

Low Profile Grid with SDL

Interior Muntin Grid Detail on Insulated Glass Standard SDL (Not Wood)

Traditional Grid with SDL

1¼" Traditional Grid with SDL



# G3 SWING DOORS



## G3 Terrace & French Door

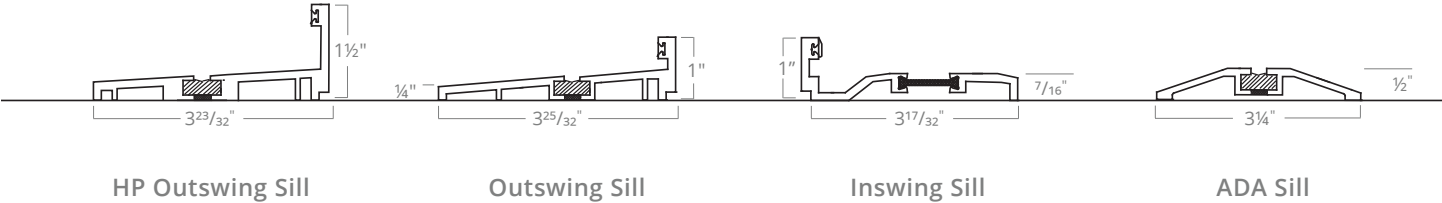
Both the G3 Terrace and French doors create a thermally-enhanced entrance to any home or business. They are ideal for commercial and residential applications where panels will exceed 48" x 96". The panel frame uses a thermal strut system that separates the interior and exterior metals. By including this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

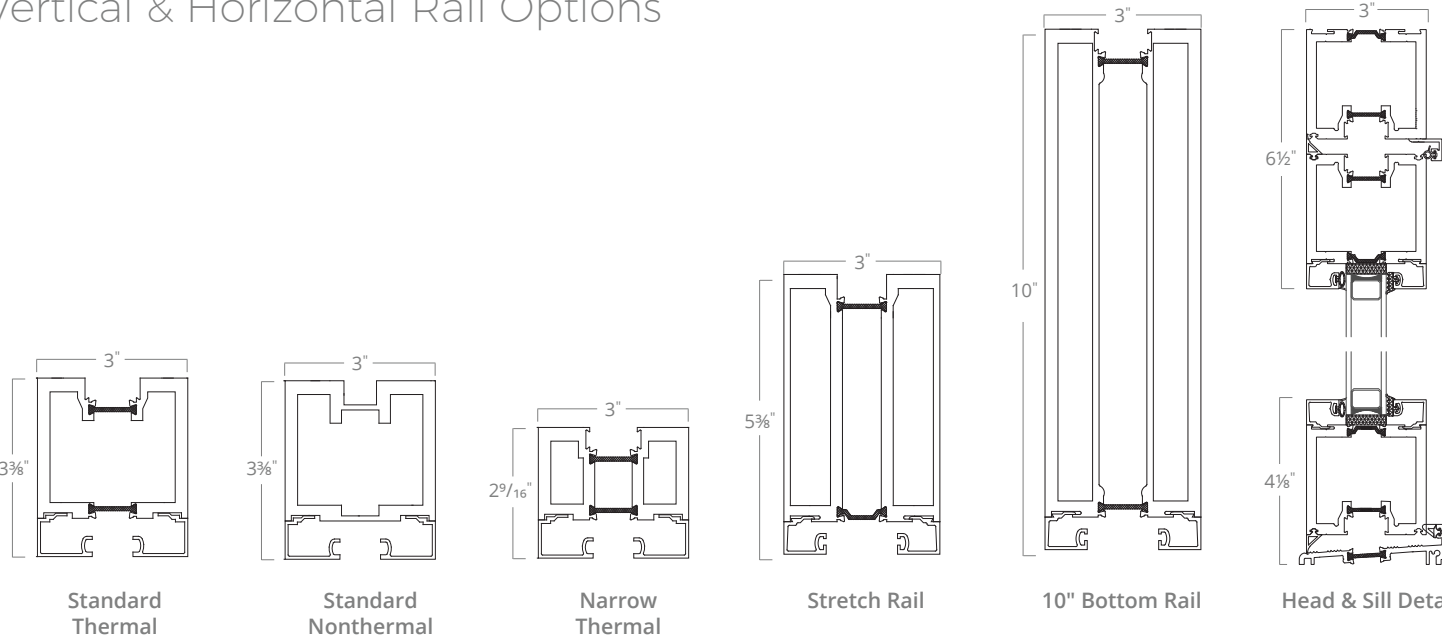
## G3 Dutch Door

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

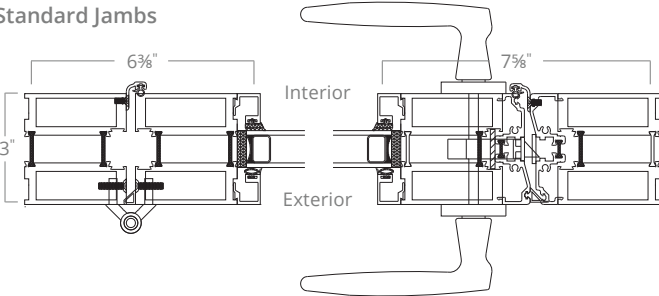


# Vertical & Horizontal Rail Options

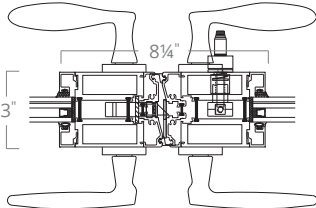


# Jamb Details

## Standard Jamb



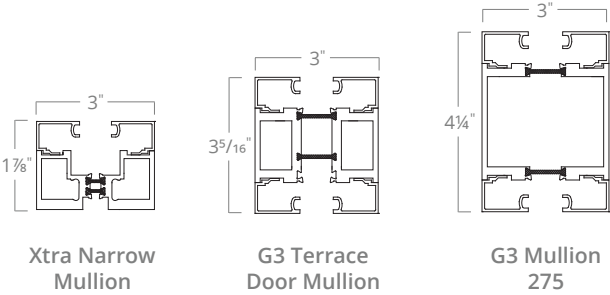
## French Door Meeting Rail Detail



# 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.