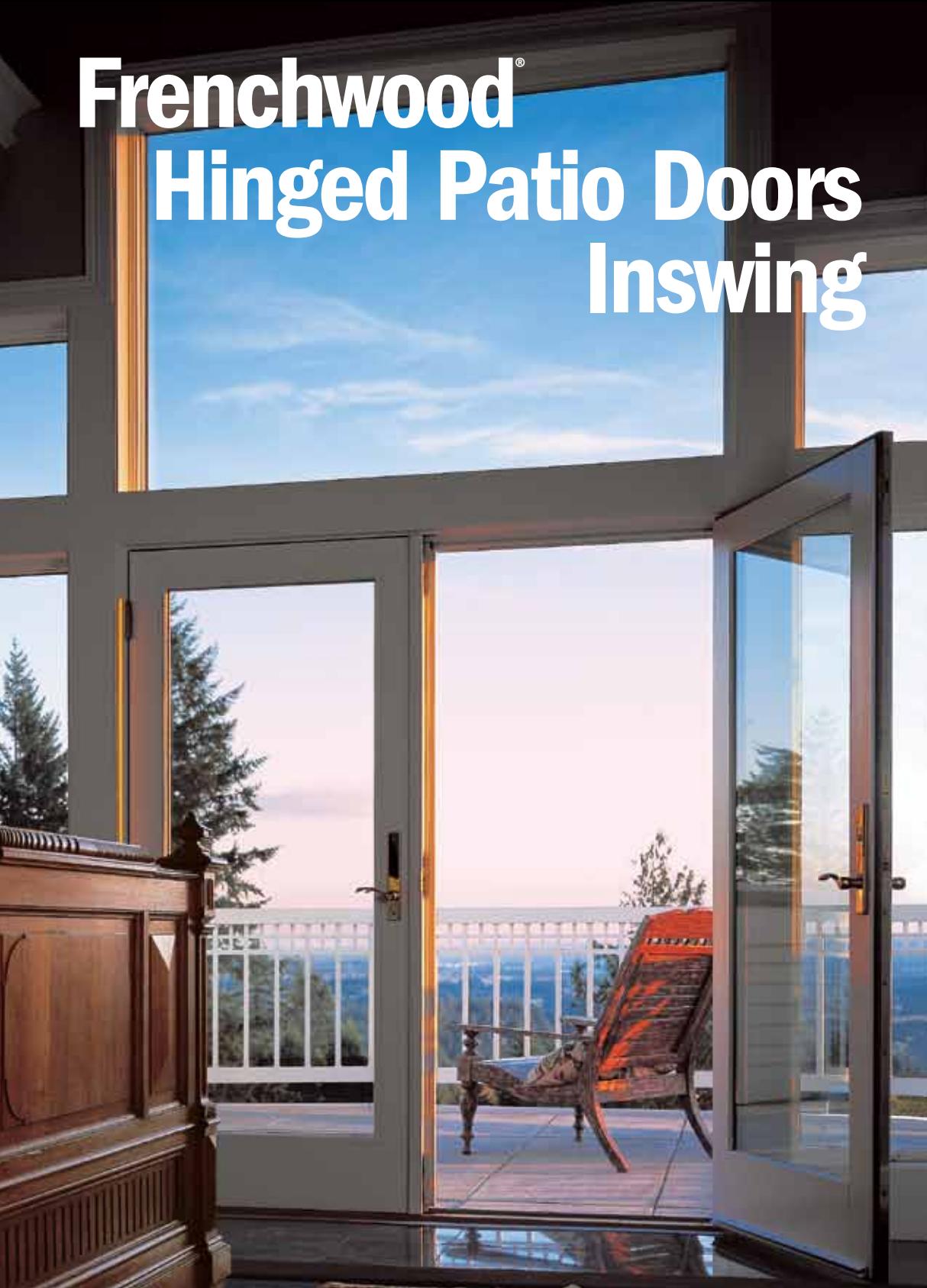


# Frenchwood® Hinged Patio Doors Inswing



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True Andersen classics, these patio doors emphasize beauty and performance. They open inward and, like all Andersen® 400 Series products, are available with a full range of options and accessories.

## Features

### FRAME

**A** The sill of the Frenchwood® hinged patio door – inswing is made with three-piece construction. The subsill is made of vinyl material, and the sill step is solid oak or maple. The exterior sill member is made of extruded aluminum with an attractive wear-resistant, corrosion-resistant, heat-baked finish in a neutral color. This combination of materials combines durability and low maintenance with excellent insulating characteristics.

**B** All basic exterior frame members are made of a glass fiber reinforced composite, which maintains an attractive appearance while minimizing maintenance. Andersen® Frenchwood hinged patio doors – inswing are available in four neutral colors. Specify White, Sandtone, Terratone® or Forest Green color.

**C** The exterior frame members are attached to a water-repellent preservative-treated wood subframe for long-lasting\* protection and performance.



The subframe is grooved to accept extension jambs.

### PANEL

**D** The exterior of the wood door panel is protected with a long-lasting\* urethane base finish in White, Sandtone, Terratone® or Forest Green color.

**E** Panel interior surfaces are unfinished clear pine. Unfinished oak and maple veneers are available as options. Low-maintenance prefinished white interiors are also available on units with White exteriors.



### ADJUSTABLE HINGES

Adjustable hinges have ball bearing pivots for smooth, frictionless movement. Features easy horizontal and vertical adjustment, plus quick release feature for easy panel removal. Brass tone finish is standard on wood interior doors. For units with a white prefinished interior, white finish hinges are standard. Also available in factory-applied finishes that coordinate with hardware. Hardware is sold separately.

### GLASS

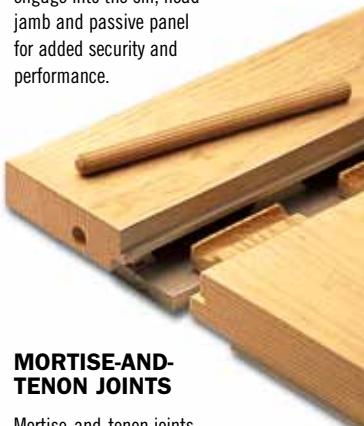
**G** Panels are silicone bed and back glazed and finished with an interior wood stop and an exterior silicone bead.

**H** Consult local building codes for glass most suitable to your area. Glass options include:

- Standard High-Performance™ Low-E4® tempered glass (PG Upgrade)
- Standard High-Performance™ Low-E4® Sun tempered glass (PG Upgrade)
- Standard High-Performance™ Low-E4® SmartSun™ tempered glass (PG Upgrade)
- High-Performance™ Low-E4® tempered impact-resistant glass
- High-Performance™ Low-E4® Sun tempered impact-resistant glass
- High-Performance™ Low-E4® SmartSun™ tempered impact-resistant glass

### FIVE-POINT LOCKING SYSTEM

**I** On active/passive door configurations, a five-point lock features stainless steel latches that engage into the sill, head jamb and passive panel for added security and performance.



### MORTISE-AND-TENON JOINTS

Mortise-and-tenon joints help prevent panel sag and maintain smooth operation.

**J** All panels feature stainless steel 5-inch screws to reinforce the joints.

## Exterior



White      Sandtone      Terratone®      Forest Green

## Interior



white      pine      oak      maple

Naturally occurring variations in grain, color and texture make each wood door panel one-of-a-kind.

Specify a unit exterior color option and an interior finish/veneer option to complete your order. Prefinished white interiors are only available on units with white exteriors.

## Hardware

Sold Separately.

### Albany®



gold dust  
black  
white  
stone

### Tribeca®



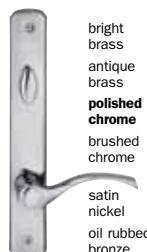
white  
stone

### Anvers®



bright  
brass  
satin  
nickel  
oil rubbed  
bronze

### Newbury®



bright  
brass  
antique  
brass  
polished  
chrome  
brushed  
chrome  
satin  
nickel  
oil rubbed  
bronze

### Covington™



bright  
brass  
antique  
brass  
oil rubbed  
bronze

### Whitmore®



bright  
brass  
antique  
brass  
satin  
nickel  
oil rubbed  
bronze

### Encino®



distressed  
nickel  
distressed  
bronze

### Yuma®



distressed  
nickel  
distressed  
bronze

## Hardware Finishes

bright  
brass

antique  
brass

polished  
chrome

brushed  
chrome

satin  
nickel

oil rubbed  
bronze

distressed  
nickel

distressed  
bronze

white

stone

gold dust

black

Printing limitations prevent exact color duplication.  
See your Andersen supplier for actual color samples.

## Accessories

Sold Separately.

### FRAME

#### Extension Jams

Standard jamb depth is 4-9/16" (119). Clear pine, oak or maple veneer or white interior extension jams are available for the following wall thicknesses:

- 5-1/4" (133)
- 6-9/16" (167)
- 7-1/8" (181)

Bright brass, antique brass, polished chrome, oil rubbed bronze, brushed chrome and satin nickel strike plate extensions are available for single hinge doors.

Exterior extension jamb system is available for the following wall thicknesses:

- 5-1/4" (133)
- 6-9/16" (167)
- 7-9/16" (192)

In walls over 4-1/2" (114), the exterior sill extender and exterior extension jamb system allow the unit to be installed flush to the interior, so the hinged doors will open flat against the interior wall.

Colored to match the exterior of the finished unit, this system provides a low-maintenance, finished exterior appearance. An extended double insect screen track is available for double-jamb hinged doors that require gliding insect screens. Exterior jamb kits are available with or without the double-insect screen track.



#### Threshold

An oak or maple threshold is available for finishing the interior of the sill.



Learn more online at

[andersenwindows.com](http://andersenwindows.com)

### PANEL

#### Sill Support

An aluminum sill support is designed to lock into a channel under the sill and tie back into the wall. This will offer support to the outermost sill section when needed. Available in neutral gray finish.



#### Ramped Sill Insert

Provides smooth transition from interior to exterior. Cannot be used with insect screen. Not available on outswing door. (Specifier must check with local and federal officials to determine if product meets accessibility codes.)



### HARDWARE

#### Exterior Keyed Lock

A six-pin exterior key cylinder lock is available for all patio doors in styles and finishes that coordinate with hardware. This lock allows the patio door to be locked and unlocked from the exterior. See page 63 for photo.

#### Double Insect Screen Track

An extended insect screen track is available for double jamb hinged doors that use gliding insect screens.

### SIDELIGHTS AND TRANSOMS

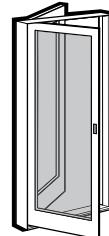


Andersen® Frenchwood® patio door sidelights and transoms feature elegant lines that match our 400 Series Frenchwood hinged patio doors. They feature pine, oak, maple or prefinished white interior options, plus our four standard exterior colors.

 Like the doors they complement, Andersen sidelights and transoms are available with Stormwatch® protection. Size information available on pages 68-69.

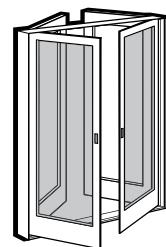
Like the doors they complement, Andersen sidelights and transoms are available with Stormwatch® protection. Size information available on pages 68-69.

### INSECT SCREENS



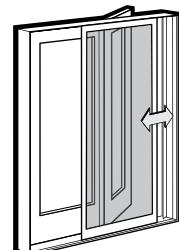
#### Hinged Insect Screen

Available for single-panel doors.



#### Double-Hinged Insect Screen

Available for two-panel double jamb hinged doors.



#### Gliding Insect Screen

Available for all two- and three-panel doors. Features Delrin® material injection molded bottom rollers with self-contained leveling adjusters. A double insect screen track kit and two universal gliding insect screens are required for installation. Gliding insect screens are not available for 4'0" wide doors.

All insect screens are available in White, Sandtone, Terratone® and Forest Green colors.

### PG UPGRADES

#### Frenchwood® Hinged Patio Doors - Inswing

PG Upgrades are available for select sizes only. Ask your Andersen supplier for details.

### INSTALLATION ACCESSORIES

See page 6 for information on Andersen's extensive array of installation accessories to help finish out your installation.

### GRILLES

#### Divided Light Patterns

See page 67 for divided light patterns or visit [andersenwindows.com/grilles](http://andersenwindows.com/grilles).

### GLASS

#### Andersen® Art Glass

Andersen art glass panels come in eleven original patterns, including four *Frank Lloyd Wright*® series designs. See the *Andersen® Product Guide* for details on Andersen art glass, or visit [andersenwindows.com/artglass](http://andersenwindows.com/artglass) for pattern information.

400  
Frenchwood® Hinged  
Patio Doors - Inswing

#### CAUTION:

- Painting and staining may cause damage to rigid vinyl.
- Products in Sandtone or Terratone® color may be painted any color lighter than Terratone using quality oil-base or latex paint. Submit color samples to Andersen for approval when painting White. Submit color samples to Andersen for approval when painting Sandtone or Terratone any color darker than Terratone.
- Do not paint Forest Green exteriors.
- Creosote-based stains should not come in contact with Andersen products.
- Do not paint weatherstripping.
- Abrasive cleaners or solutions containing corrosive solvents should not be used on Andersen products.
- For vinyl painting instructions and preparation, contact your Andersen supplier.
- Andersen does not warrant the adhesion of paint to vinyl.

NOTE: Andersen® patio doors are not intended for use as entrance doors.

"Frank Lloyd Wright" is a registered trademark of the Frank Lloyd Wright Foundation.

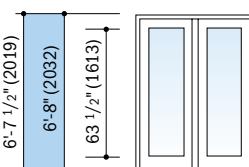
"Delrin" is a registered trademark of E.I. duPont deNemours and Company.

# Frenchwood® Hinged Patio Doors - Inswing

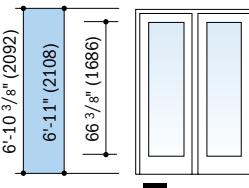
# WINDOWS AND DOORS WITH **StormWATCH** PROTECTION

**Table of Basic Unit Sizes** Scale 1/8" = 1'-0" (1:96)

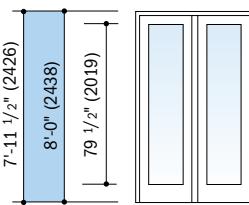
## Three Basic Unit Heights



1 FWH xx68



2 FWH xx611



3 FWH xx80

## Custom Sizes

1/8" increments  
Custom sizes available in 1/8" increments between the smallest and largest standard patio door sizes. Some restrictions apply. Contact your Andersen supplier for availability.

## Divided Light Patterns for Patio Doors

In addition to the Colonial grille patterns shown in the table of basic unit sizes, other standard divided light patterns are available. For examples, see page 67 or visit [andersenwindows.com/grilles](http://andersenwindows.com/grilles).



- Rough opening dimensions may need to be increased to allow for use of building wraps, flashing, sill panelling, brackets, fasteners or other items. See page 7 for more details.
- "Unit Dimension" always refers to outside frame to frame dimension.
- Andersen® art glass panels are available for all units on this page.
- Dimensions in parentheses are in millimeters.
- Combinations of door units joined together may require horizontal or vertical reinforcement. This reinforcement should be specified by a professional engineer.
- When ordering, be sure to specify color desired: White, Sandstone, Terratone® or Forest Green.
- When ordering, be sure to specify product type: High-Performance™ Low-E4® impact-resistant or PG Upgrade.

**Opening Specifications**

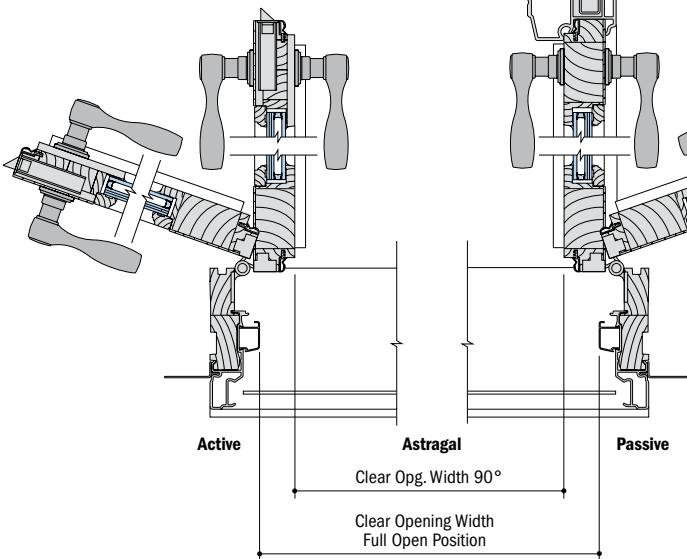
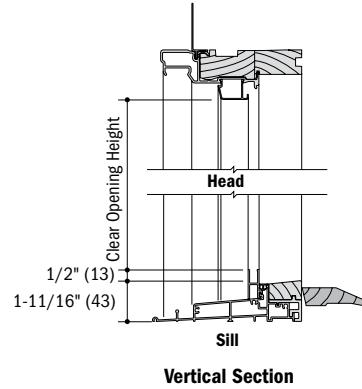
**Frenchwood® Hinged Patio Door – Inswing 6' 8" Height**

Unit Number	Sq. Ft. (m <sup>2</sup> ) Clear Opening	Maximum Clear Opening			Square Feet (m <sup>2</sup> ) Glass	Square Feet (m <sup>2</sup> ) Vent	Overall Unit Area Sq. Ft. (m <sup>2</sup> )
		Width inches (mm) 90°	Width inches (mm) Full	Height inches (mm)			
<b>2768</b>	12.98 (1.206)	24-13/16" (630)	26" (660)	75-1/4" (1911)	8.32 (0.773)	12.98 (1.206)	16.63 (1.545)
<b>2968</b>	14.02 (1.303)	26-13/16" (681)	28" (711)	75-1/4" (1911)	9.20 (0.855)	14.02 (1.303)	17.74 (1.648)
<b>3168</b>	16.11 (1.497)	30-13/16" (783)	32" (813)	75-1/4" (1911)	10.96 (1.018)	16.11 (1.497)	19.95 (1.853)
<b>4168AP/PA</b>	21.43 (1.991)	41" (1039)	43-7/8" (1112)	75-1/4" (1911)	11.68 (1.085)	21.43 (1.991)	26.50 (2.462)
<b>4168AP/PA (panel closed)</b>	21.43 (1.991)	19-7/8" (505)	21-1/16" (535)	75-1/4" (1911)	11.68 (1.085)	21.43 (1.991)	26.50 (2.462)
<b>5068AP/PA</b>	27.30 (2.536)	52-1/4" (1327)	55-1/8" (1400)	75-1/4" (1911)	16.64 (1.546)	27.30 (2.536)	32.71 (3.039)
<b>5068AP/PA (panel closed)</b>	27.30 (2.536)	25-1/2" (647)	26-11/16" (678)	75-1/4" (1911)	16.64 (1.546)	27.30 (2.536)	32.71 (3.039)
<b>5468AP/PA</b>	29.39 (2.730)	56-1/4" (1429)	59-1/8" (1502)	75-1/4" (1911)	18.39 (1.708)	29.39 (2.730)	34.92 (3.244)
<b>5468AP/PA (panel closed)</b>	29.39 (2.730)	27-1/2" (698)	28-11/16" (729)	75-1/4" (1911)	18.39 (1.708)	29.39 (2.730)	34.92 (3.244)
<b>6068AP/PA</b>	33.58 (3.120)	64-1/4" (1632)	67-1/8" (1705)	75-1/4" (1911)	21.92 (2.036)	33.58 (3.120)	39.34 (3.655)
<b>6068AP/PA (panel closed)</b>	33.58 (3.120)	31-1/2" (800)	32-11/16" (830)	75-1/4" (1911)	21.92 (2.036)	33.58 (3.120)	39.34 (3.655)

**Frenchwood® Hinged Patio Door – Inswing 6' 11" Height**

Unit Number	Sq. Ft. (m <sup>2</sup> ) Clear Opening	Maximum Clear Opening			Square Feet (m <sup>2</sup> ) Glass	Square Feet (m <sup>2</sup> ) Vent	Overall Unit Area Sq. Ft. (m <sup>2</sup> )
		Width inches (mm) 90°	Width inches (mm) Full	Height inches (mm)			
<b>27611</b>	13.48 (1.252)	24-13/16" (630)	26" (660)	78-1/8" (1984)	8.69 (0.807)	13.48 (1.252)	17.21 (1.599)
<b>29611</b>	14.55 (1.352)	26-13/16" (681)	28" (711)	78-1/8" (1984)	9.61 (0.893)	14.55 (1.352)	18.36 (1.706)
<b>31611</b>	16.72 (1.553)	30-13/16" (783)	32" (813)	78-1/8" (1984)	11.45 (1.064)	16.72 (1.553)	20.64 (1.918)
<b>41611AP/PA</b>	22.24 (2.066)	41" (1039)	43-7/8" (1112)	78-1/8" (1984)	12.20 (1.133)	22.24 (2.066)	27.46 (2.551)
<b>41611AP/PA (panel closed)</b>	22.24 (2.066)	19-7/8" (505)	21-1/16" (535)	78-1/8" (1984)	12.20 (1.133)	22.24 (2.066)	27.46 (2.551)
<b>50611AP/PA</b>	28.34 (2.633)	52-1/4" (1327)	55-1/8" (1400)	78-1/8" (1984)	17.38 (1.615)	28.34 (2.633)	33.89 (3.148)
<b>50611AP/PA (panel closed)</b>	28.34 (2.633)	25-1/2" (647)	26-11/16" (678)	78-1/8" (1984)	17.38 (1.615)	28.34 (2.633)	33.89 (3.148)
<b>54611AP/PA</b>	30.51 (2.834)	56-1/4" (1429)	59-1/8" (1502)	78-1/8" (1984)	19.22 (1.786)	30.51 (2.834)	36.18 (3.361)
<b>54611AP/PA (panel closed)</b>	30.51 (2.834)	27-1/2" (698)	28-11/16" (729)	78-1/8" (1984)	19.22 (1.786)	30.51 (2.834)	36.18 (3.361)
<b>60611AP/PA</b>	34.86 (3.239)	64-1/4" (1632)	67-1/8" (1705)	78-1/8" (1984)	22.91 (2.128)	34.86 (3.239)	40.76 (3.787)
<b>60611AP/PA (panel closed)</b>	34.86 (3.239)	31-1/2" (800)	32-11/16" (830)	78-1/8" (1984)	22.91 (2.128)	34.86 (3.239)	40.76 (3.787)

**Clear Opening Dimensions** Scale 1-1/2" = 1'-0" (1:8)



**400 Series**  
Frenchwood® Hinged  
Patio Doors-Inswing

## Opening Specifications

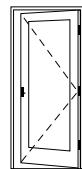
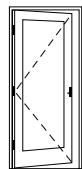
### Frenchwood® Hinged Patio Door - Inswing 8' 0" Height

Unit Number	Sq. Ft. (m <sup>2</sup> ) Clear Opening	Maximum Clear Opening		Square Feet (m <sup>2</sup> ) Glass	Square Feet (m <sup>2</sup> ) Vent	Overall Unit Area Sq. Ft. (m <sup>2</sup> )
		Width inches (mm) 90°	Width inches (mm) Full			
2780	15.73 (1.461)	24-13/16" (630)	26" (660)	91-1/4" (2318)	10.41 (0.967)	15.73 (1.461)
2980	17.00 (1.579)	26-13/16" (681)	28" (711)	91-1/4" (2318)	11.52 (1.070)	17.00 (1.579)
3180	19.54 (1.815)	30-13/16" (783)	32" (813)	91-1/4" (2318)	13.72 (1.275)	19.54 (1.815)
4180AP/PA	25.98 (2.414)	41" (1039)	43-7/8" (1112)	91-1/4" (2318)	14.62 (1.358)	25.98 (2.414)
4180AP/PA (panel closed)	25.98 (2.414)	19-7/8" (505)	21-1/16" (535)	91-1/4" (2318)	14.62 (1.358)	25.98 (2.414)
5080AP/PA	33.11 (3.076)	52-1/4" (1327)	55-1/8" (1400)	91-1/4" (2318)	20.82 (1.934)	33.11 (3.076)
5080AP/PA (panel closed)	33.11 (3.076)	25-1/2" (647)	26-11/16" (678)	91-1/4" (2318)	20.82 (1.934)	33.11 (3.076)
5480AP/PA	35.64 (3.311)	56-1/4" (1429)	59-1/8" (1502)	91-1/4" (2318)	23.03 (2.140)	35.64 (3.311)
5480AP/PA (panel closed)	35.64 (3.311)	27-1/2" (698)	28-11/16" (729)	91-1/4" (2318)	23.03 (2.140)	35.64 (3.311)
6080AP/PA	40.71 (3.782)	64-1/4" (1632)	67-1/8" (1705)	91-1/4" (2318)	27.44 (2.549)	40.71 (3.782)
6080AP/PA (panel closed)	40.71 (3.782)	31-1/2" (800)	32-11/16" (830)	91-1/4" (2318)	27.44 (2.549)	40.71 (3.782)

## Unit Identification

Units viewed from the exterior

### Basic Hinging



### Left Hinged

Hinges mounted on the left side of the panel.

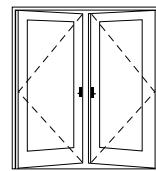
### Right Hinged

Hinges mounted on the right side of the panel.

### Stationary Panel

Non-operating panel.

### Double Jamb Hinged Door



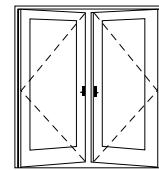
### Active Panel

The operating panel most often used.

### Passive Panel

The operating panel with astragal attached.

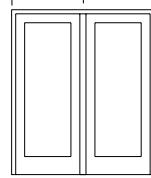
### Order Designation Description



**FWH**  
 Frenchwood®  
 hinged door  
 (Inswing)  
**6068**  
 Door  
 rough opg.  
**A P L R**  
 Active panel  
 Passive panel  
 Left hinged  
 Right hinged

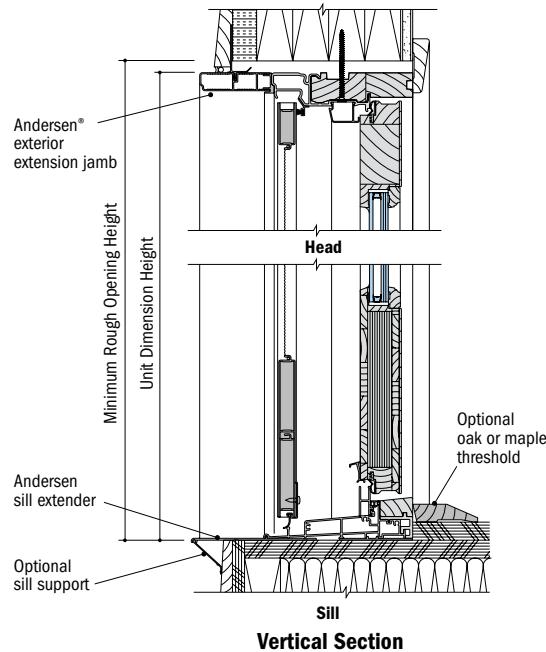
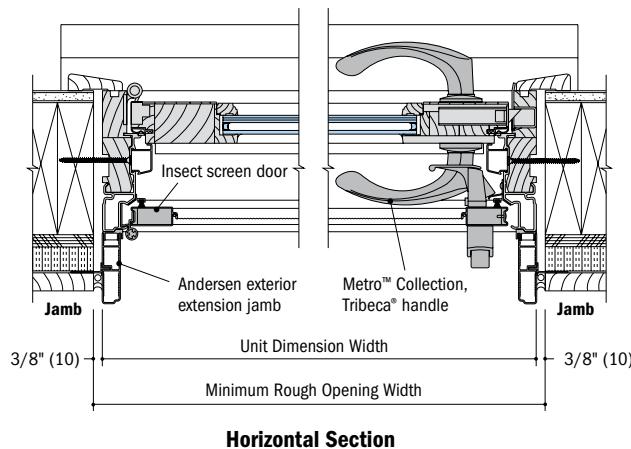
### Center Line Astragal Dimensions

4-1 WIDTHS	2'-0" (610)	2'-0" (610)
5-0 WIDTHS	2'-5 5/8" (752)	2'-5 5/8" (752)
5-4 WIDTHS	2'-7 5/8" (803)	2'-7 5/8" (803)
6-0 WIDTHS	2'-11 5/8" (897)	2'-11 5/8" (897)

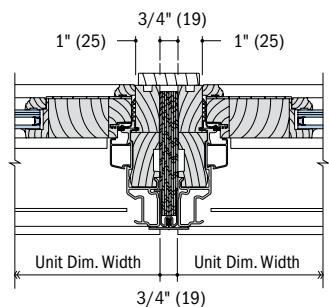


Horizontal Section  
Active Panel Open

**Basic Unit and Rough Opening Details** Scale 1-1/2" = 1'-0" (1:8)



**Joining Details** Scale 1-1/2" = 1'-0" (1:8)



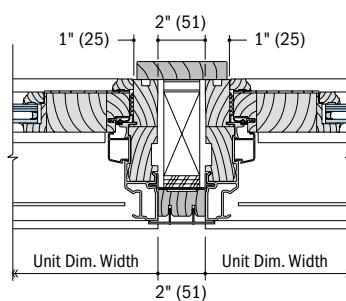
**Andersen® LVL Reinforced Mullion**

**Overall Unit Dimension Width:**

The sum of individual Unit Dimension Widths, plus 3/4" (19mm) for each unit joining.

**Overall Rough Opening Width:**

Add 3/4" (19mm) to Overall Unit Dimension Width.



**Support Mullion**

**Overall Unit Dimension Width:**

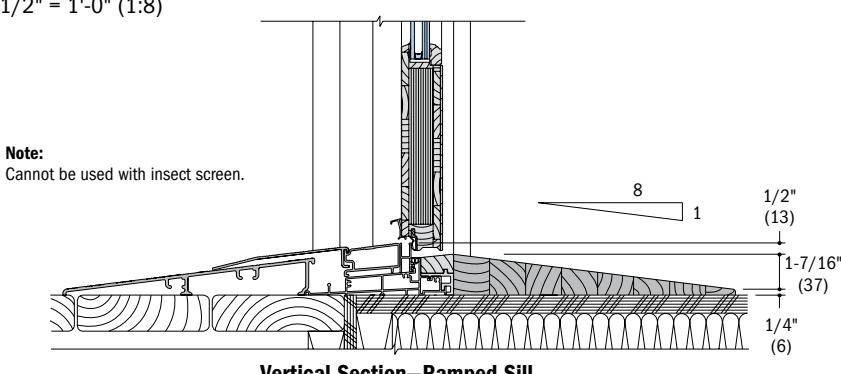
Sum of individual Unit Dimension Widths, plus 2" (51mm) for each unit joining.

**Overall Rough Opening Width:**

Add 3/4" (19mm) to Overall Unit Dimension Width.

Consult with an architect or structural engineer regarding minimum requirements for structural support members between adjacent door rough openings.

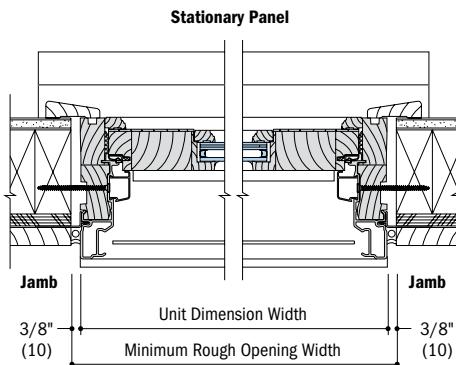
**Ramped Sill Details** Scale 1-1/2" = 1'-0" (1:8)



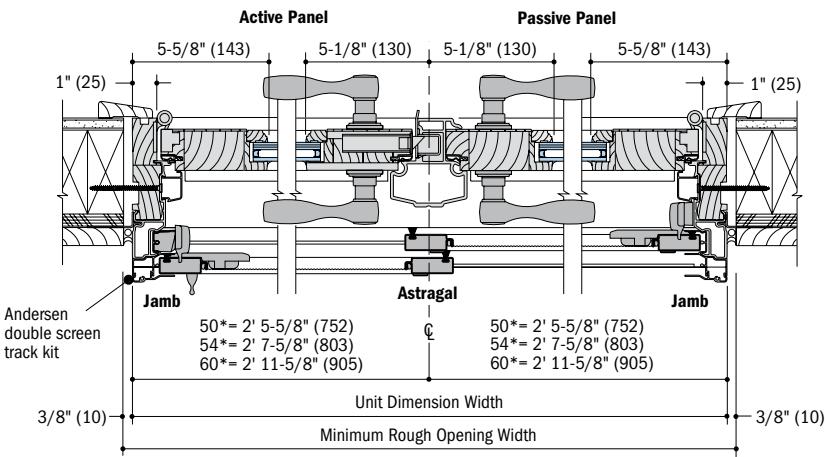
# Frenchwood® Hinged Patio Doors - Inswing

WINDOWS AND DOORS WITH  
**StormWATCH**  
PROTECTION

## Basic Unit Details Scale 1-1/2" = 1'-0" (1:8)



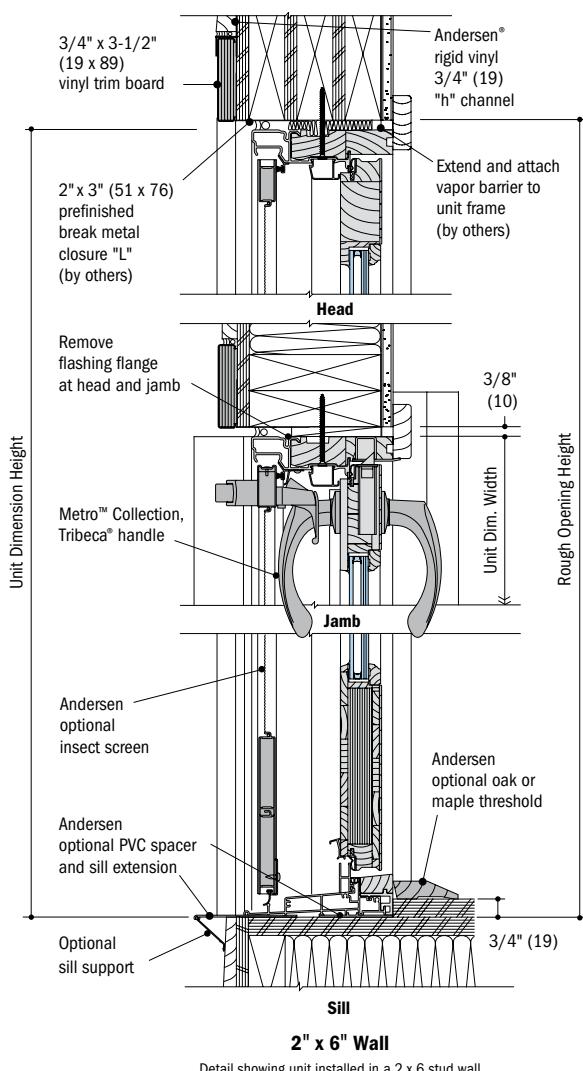
**Horizontal Section**  
Stationary Panel



**Horizontal Section**  
Double Jamb Hinged Door

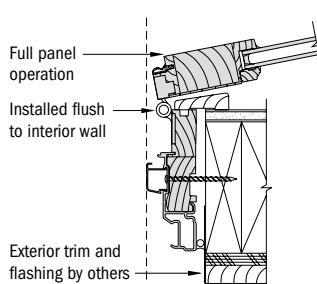
- \* These dimensions relate to location of astragal center line.
- Rough opening dimensions may need to be increased to allow for use of building wraps, flashing, sill panning, brackets, fasteners or other items. See page 7 for more details.

## Suggested Product Applications Scale 1-1/2" = 1'-0" (1:8)

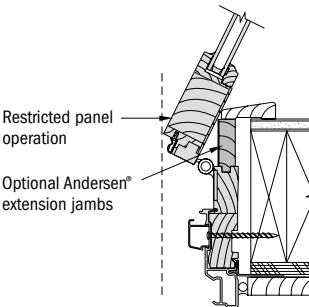


## Interior Extension Jams

The use of interior extension jams or drywall return will restrict panel operation on jamb hinged doors. Jamb hinged patio doors must be installed flush to the interior to achieve full panel operation.



**Jamb hinged patio door in 2" x 6" wall without extension jams**



Proper installation and maintenance of Andersen products is essential to attain optimum performance and operation. Written installation instructions which provide guidelines for proper installation are typically provided with Andersen products. They are also available from your local Andersen supplier or by visiting [andersenwindows.com](http://andersenwindows.com). Remember that every installation is different, and Andersen strongly recommends consultation with the local supplier or an experienced contractor, architect or structural engineer prior to the installation of any Andersen product. The method of attachment for Andersen products, fastener selection and code compliance is the responsibility of the architect, building owner, contractor, installer and/or consumer. For complete installation details, refer to "Product Installation Details" at [andersenwindows.com](http://andersenwindows.com) or contact your Andersen supplier.

NOTE: See installation information starting on page 6.

CAUTION: In masonry wall construction, provide a minimum of 1/2" clearance from the top of the brick or masonry to the bottom of any portion of the sill. Failure to do so could result in product damage. Fill the void with closed cell foam backer rod and silicone sealant. Be sure to allow for dimensional change of framework.