

ARCHITECTURAL

FOLDING OUTSWING PATIO DOORS

CUSTOM SIZING!

in $\frac{1}{8}$ " increments



Architectural
Folding Outswing
Patio Doors

SECTION REFERENCE

- Styles & Size Ranges.....191-192
- Door Details.....193-194
- Performance Data.....269

ARCHITECTURAL FOLDING OUTSWING PATIO DOORS

Features

When closed, these doors create a stately wall of light. When open, they transform a room into a gateway to the world outside. With standard or custom panel designs, configurations up to 48 feet wide and operating modes that let you open the doors from the left, right or center, Andersen® folding outswing patio doors will impress even the most demanding customers.

FRAME

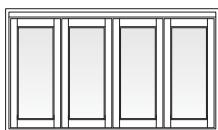
A Heavy-duty extruded aluminum cladding protects the exterior from the elements. Both frame and panels are available with wood exteriors as a special product request.

B The engineered wood frame members are treated with a water-repellent wood preservative for long-lasting* protection and performance.

* For complete information on our limited warranties, visit andersenwindows.com or contact your Andersen supplier.



Traditional



Contemporary

PANEL

The aluminum clad panel has a dual weather strip design at the bottom and along the panel edges providing an airtight seal. Available in a traditional style with a tall bottom rail and a contemporary style with equal stiles and rails.

SILL

Three sill options are available:

C The standard sill, which offers a PG 30 rating for sizes up to 24' wide and 10' tall, is available in painted gray or painted dark bronze.

D The flush track option places the track even with the finished floor.

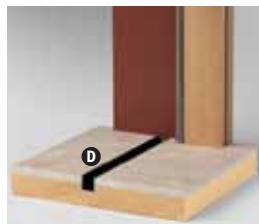
E The low profile option provides easy accessibility. Available in painted gray or dark bronze.

EXTERIOR FINISH

The aluminum exterior frame and clad panels feature a durable, low-maintenance AAMA 2605 finish.



Standard



Flush Track



Low Profile

GLASS

Panels are silicone bed glazed and finished with an interior wood stop.



High-Performance™ glass options include:

- Low-E4® tempered glass
- Low-E4® SmartSun™ tempered glass
- Low-E4® Sun tempered glass

Additional glass options are available. Contact your Andersen supplier. (Glass option must be specified.)

Exterior

Specify a unit exterior option and an interior option to complete your order.



White



Sandstone



Terratone®



Forest Green



Prairie Grass



Dark Chestnut



Black



Birch Bark



Dove Gray



Slate



Blue Spruce



Terra Cotta



Cocoa Bean



Dark Ivy



Canvas



River Rock



Driftwood



Coral Green



Red Rock



Dark Bronze



Midnight Blue



Custom colors available.



pine



oak



maple



alder



birch bark



cherry



douglas fir



mahogany**



white



primed white

Interior

Other species also available.

Hardware

Sold Separately.



Albany
black
gold dust
stone
white



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

Bold names denote finish shown.

Hardware Finishes



Printing limitations prevent exact finish replication. See your Andersen supplier for actual finish samples. Tribeca and Albany hardware are zinc diecast with powder-coated durable finish. Other hardware is solid forged brass. Mix-and-match interior and exterior style and finish options are available. Bright brass and satin nickel finishes feature a 10-year limited warranty.

** Actual wood is Sapele, also known as African mahogany, a non-endangered hardwood with color and characteristics similar to American mahogany.

Accessories

PATTERNEED GLASS

Patterned glass options are available. See page 12 for more details.

FRAME

Extension Jambs

Standard jamb depth is $6\frac{9}{16}$ ". Interior extension jambs are available up to 11".

HARDWARE



Locking System

The folding patio door has a multi-point locking system with two hook bolts above and below the center dead bolt along with flush bolts on the non active panels that lock into the head and sill. This system provides added weathertightness and enhanced security. The flush bolts and pull handles are available in a matte black or satin stainless steel finish.



Pull Handle



Flush Bolt

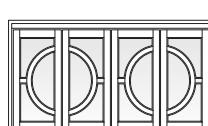
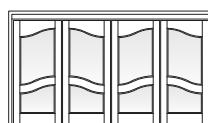
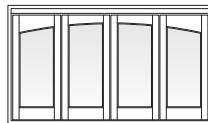
For more information about glass, patterned glass, grilles, insect screens and installation accessories, visit:

 andersenwindows.com

Custom Panel Designs

Rectangular panels are available with virtually any design. See your Andersen supplier for details.

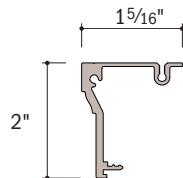
Custom Panel Examples



TRIM

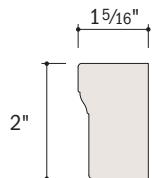
Exterior Trim Options

Aluminum brick mould is optional for clad folding doors.



Aluminum Brick Mould

Wood brick mould is pre-applied and comes standard on wood folding doors.

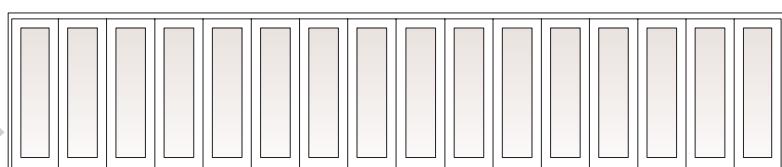
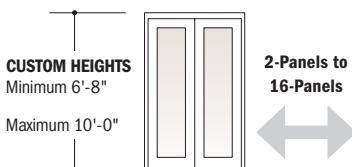


Wood Brick Mould

ARCHITECTURAL FOLDING OUTSWING PATIO DOORS

Folding Outswing Patio Door Panel and Size Ranges

Scale $1/8"$ = $1'-0"$ (1:96)



Custom sized in $1/8"$ increments. Contact your Andersen supplier for dimensions and specifications.

CUSTOM WIDTHS

Number of Panels	Minimum to Maximum
2-Panel	3'-2 1/4" to 6'-8 1/8"
3-Panel	4'-8 5/8" to 9'-11 1/4"
4-Panel	6'-3 1/8" to 13'-2 1/4"
5-Panel	7'-9" to 16'-5 5/8"
6-Panel	9'-9 1/8" to 19'-8 3/4"

Number of Panels	Minimum to Maximum
7-Panel	10'-9 1/4" to 22'-11 7/8"
8-Panel	12'-4 1/2" to 26'-3 1/8"
9-Panel	13'-9 5/8" to 29'-6 1/2"
10-Panel	15'-4 3/4" to 32'-9 7/8"
11-Panel	16'-9 7/8" to 36'-0 3/4"

Number of Panels	Minimum to Maximum
12-Panel	18'-5 1/8" to 39'-4 1/8"
13-Panel	19'-10 1/4" to 42'-7 1/8"
14-Panel	21'-5 3/8" to 45'-10 1/2"
15-Panel	22'-10 1/4" to 48'-0"
16-Panel	24'-4 7/8" to 48'-0"

* "Minimum to Maximum" door width dimensions refers to frame to frame dimension.

Panel Configurations

Configurations are listed from left to right as viewed from the exterior.

Two Panel



Four Panel



Five Panel



Six Panel



Seven Panel



Eight Panel



Three Panel



Four Panel



Five Panel



Six Panel



Seven Panel



Eight Panel



Nine Panel



Ten Panel



Eleven Panel



Twelve Panel



Thirteen Panel



Fourteen Panel



Fifteen Panel



Sixteen Panel



Design Criteria

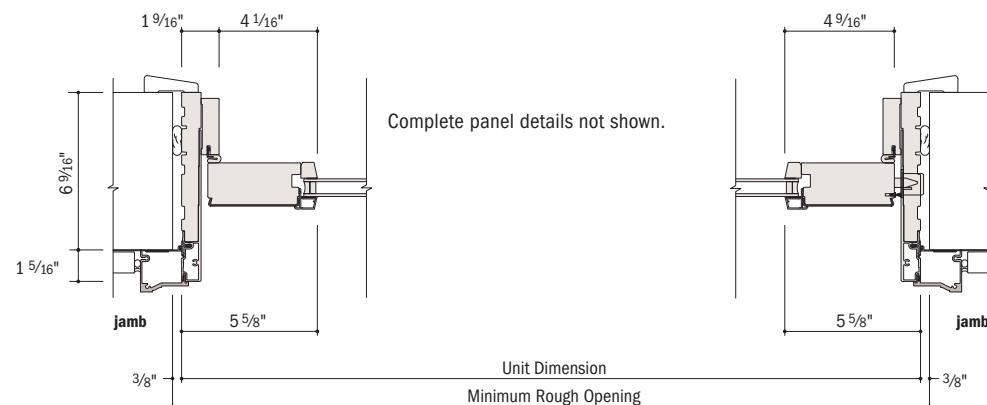
To allow for proper performance and operation, verify the structural integrity of the header such that the maximum deflection with live and dead loads is limited to the lesser of L/750 of the span and $\frac{1}{4}$ ". The maximum weight per panel with Low-E4®, SmartSun™ or Sun glass is 200 lbs. Weights using alternate glazings will need to be provided by Andersen.

Construction

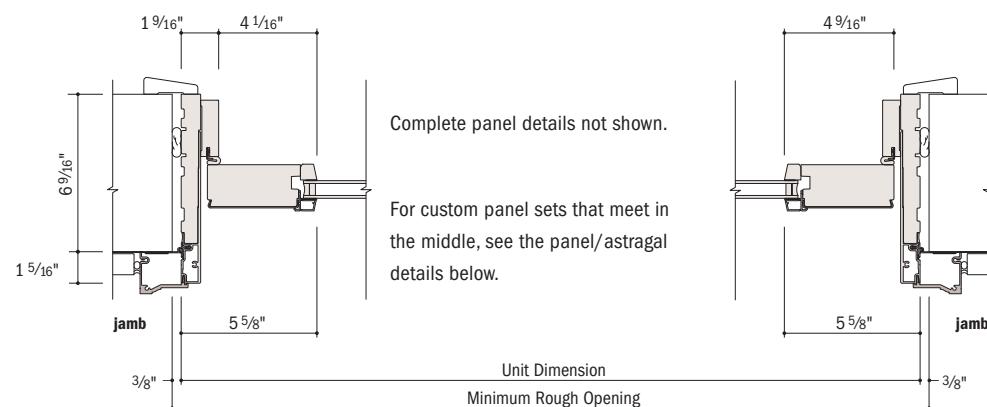
The standard construction of the folding outswing door is an aluminum clad exterior with a rich wood interior. Clad folding door details are shown. Wood folding doors are also available, visit andersenwindow.com/foldingdoors for more information.

Folding Outswing Patio Doors, Traditional/Contemporary Panel Details

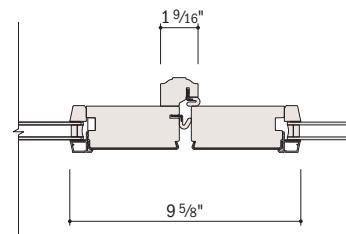
Scale $1\frac{1}{2}$ " = 1'-0" (1:8)



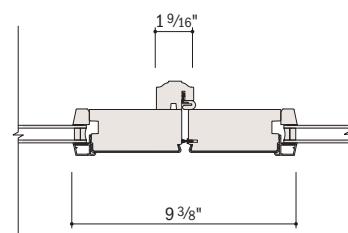
Stationary Jamb/Operating Jamb
Horizontal Section



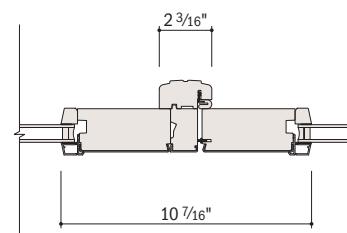
Stationary Jamb/Stationary Jamb
Horizontal Section



Astragal - Leading/Leading
Horizontal Section
Unit Dimension



Astragal - Leading/Active
Horizontal Section



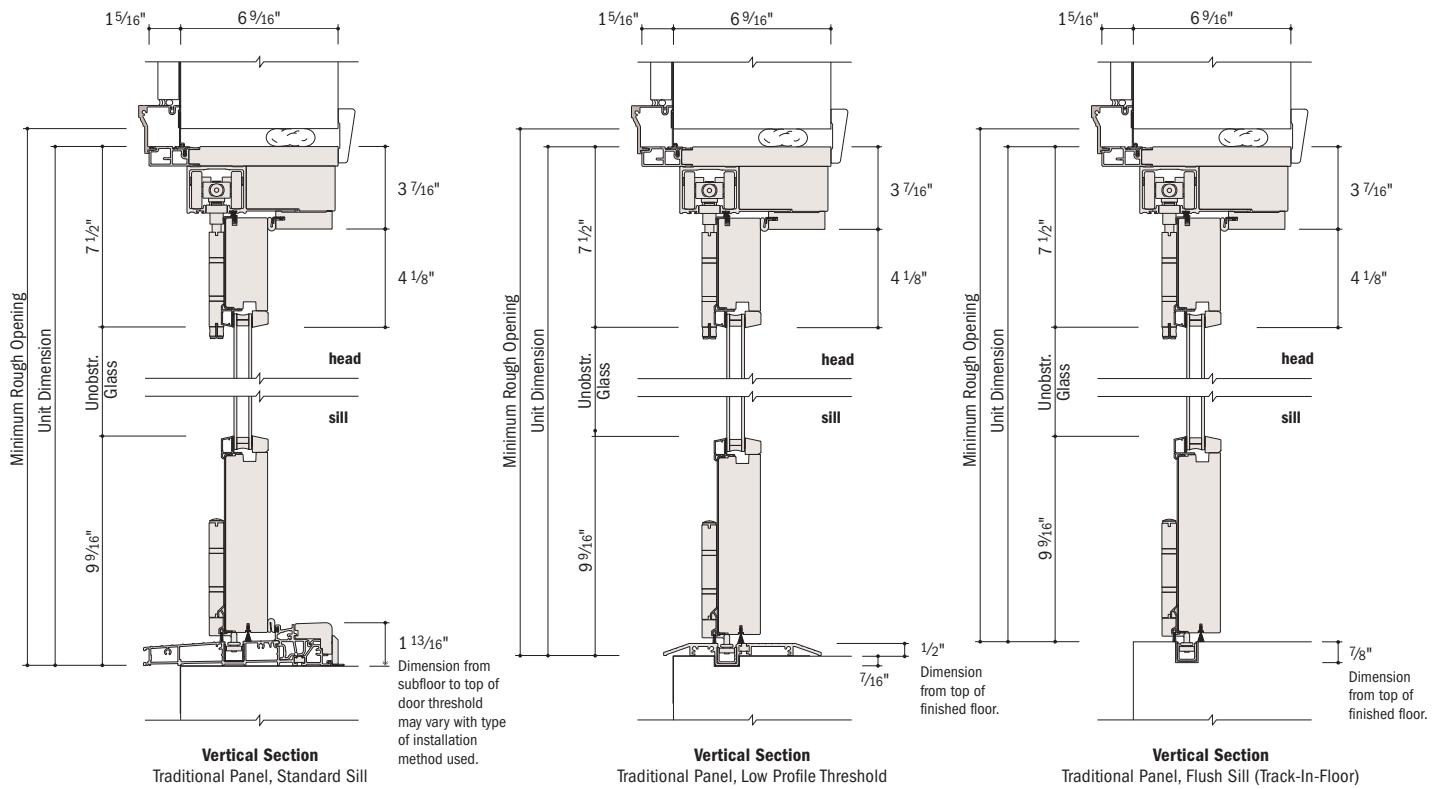
Astragal - Passive/Active
Horizontal Section

- Clad folding door details are shown. Wood folding door details are available at andersenwindows.com/foldingdoors.
- $6\frac{9}{16}$ " jamb width measurement is from backside of installation flange to inside edge of door frame.
- Light-colored areas are included with the door unit. Dark-colored areas are additional Andersen® parts required to complete door assembly as shown and must be specified.
- **Rough openings may need to be increased to allow for use of building wraps, flashing, sill panning, brackets, fasteners or other items. See Installation Information on page 33.**
- Details are for illustration only and are not intended to represent complete or appropriate product installation methods or materials for application. Refer to product installation guide.

ARCHITECTURAL FOLDING OUTSWING PATIO DOORS

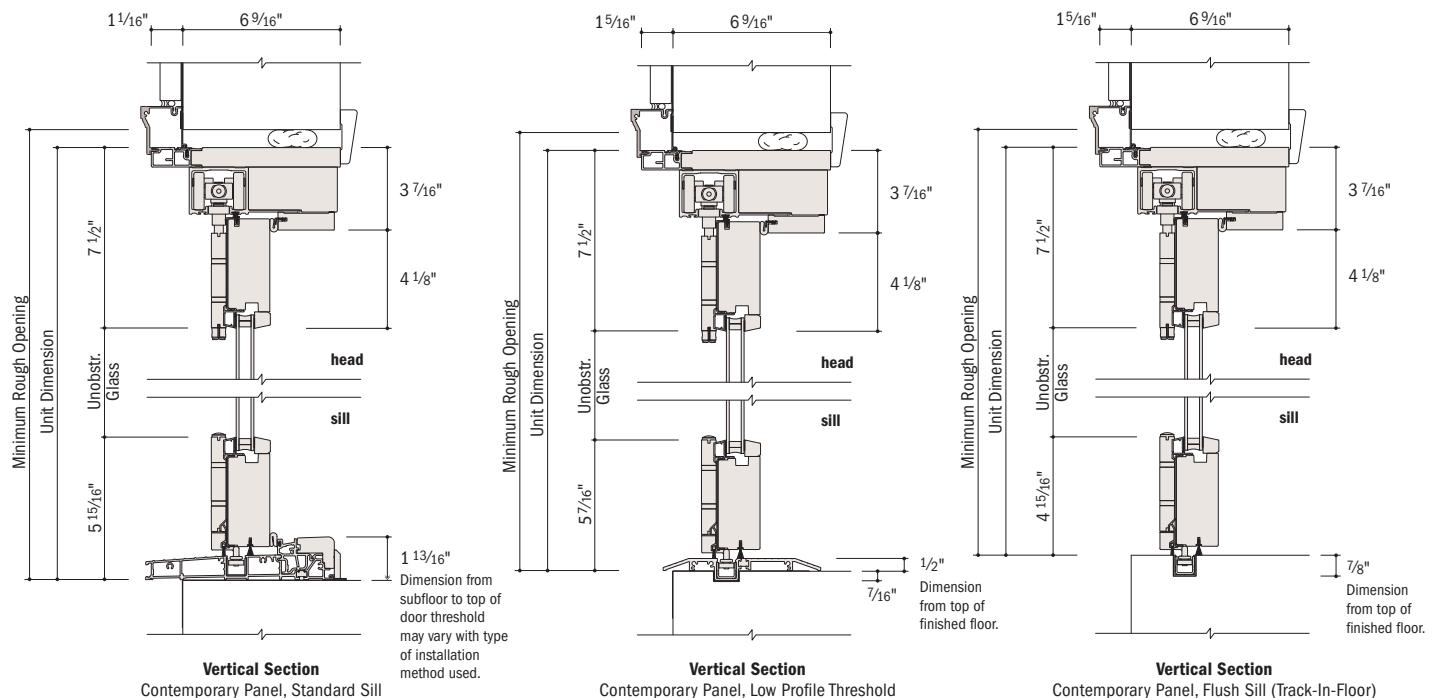
Folding Outswing Patio Doors, Traditional Panel Details

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



Folding Outswing Patio Doors, Contemporary Panel Details

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



- Clad folding door details are shown. Wood folding door details are available at andersenwindows.com/foldingdoors.
- 6 5/8" jamb width measurement is from backside of installation flange to inside edge of door frame.
- Light-colored areas are included with the door unit. Dark-colored areas are additional Andersen® parts required to complete door assembly as shown and must be specified.
- **Rough openings may need to be increased to allow for use of building wraps, flashing, sill panning, brackets, fasteners or other items. See installation information on page 33.**
- Details are for illustration only and are not intended to represent complete or appropriate product installation methods or materials for application. Refer to product installation guide.