

CertainTeed Patio Doors

Doors with more design flexibility

A range of Standard, or French rail designs as well as Slimline and Hinged Styles

Combinations with transoms and sidelites

Long-lasting performance and excellent security

100
CertainTeed 
Since 1904

Celebrating a Century of Building America

The quality you expect from America's number one vinyl window company.



CertainTeed patio doors, like this 3-panel French rail style sliding door, are manufactured with the same exclusive vinyl formulation used to make CertainTeed windows.

This is a new generation of engineering in sliding patio doors.

It gives you more design choices than ever before, including a standard rail style for maximum viewing area, and a French rail style for a traditional French door look in a sliding door. Plus a whole range of options to complement any interior design.

And, because it's from CertainTeed, it gives you features for exceptionally smooth operation, features to maximize weather

resistance, and a range of security options.

The design possibilities are virtually endless.

Both the Standard and French rail styles are available in 2- and 3-panel configurations, plus a dramatic 4-panel center-opening design.

A proprietary structural mullion system ensures high strength in even the largest combinations.

Engineering features include adjustable stainless steel rollers for years of smooth gliding. Heavy

vinyl profiles with metal reinforcement, plus an aluminum threshold, means these doors can stand up to the demands of daily family use. And the standard multi-point locking system provides dependable security.

The performance beats the toughest weather — and standards.

These patio doors take advantage of CertainTeed's tested and proven features and latest engineering advancements to ensure a comfortable home.

Features like fusion welding; continuous weatherstripping; and a unique low-point, high-pressure weep system help block air and water infiltration at a level superior to AAMA/WDMA specifications.

An insulating glass unit with a low-conductance spacer delivers excellent thermal efficiency. The Thermafect® Low "E" glazing system with low-conductance spacer and argon gas offers even greater thermal efficiency. It is available as an option.

Insulate Series Hinged Door



Features and Benefits

- Adjustable hinge system assures trouble-free performance and easy operation
- Multi-point lock system for added security
- Minimum 3/4" air space offers maximum energy efficiency

Test Performance Data

Air Infiltration:

.1 cfm/ft

Water Resistance:

No leakage at 3.75 psf

Structural Performance:

No damage at 37.5 psf

U Factor:

Clear/Air .47

Thermafect®/Argon .33

Performance Class:

LC-25

Test Performance Descriptions:

Air Infiltration tested per ASTM E 283-91.

Water Resistance tested per ASTM E 547-86.

Structural Performance/Wind Load tested per ASTM E 330-90.

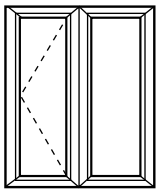
Thermal Performance tested per NFRC 100.

Options

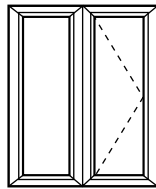
- Non-corrosive hardware package available
- Add sidelites; transoms to expand viewing area
- Screen option only on in-swing atrium hinged on mullion

Standard Configurations Shown

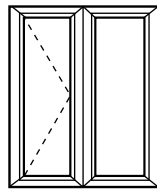
- Net dimensions vary depending on configuration
- Transoms and sidelights available in all configurations
- See factory representative for custom size information
- Dotted line denotes operable panel
- Radius transoms available
- Available in **white** frame only



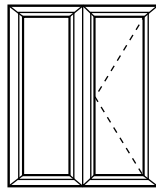
5-0 x 6-8/6-10
6-0 x 6-8/6-10



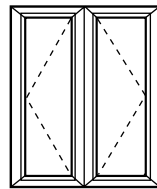
5-0 x 6-8/6-10
6-0 x 6-8/6-10



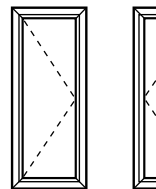
5-0 x 6-8/6-10
6-0 x 6-8/6-10



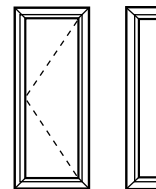
5-0 x 6-8/6-10
6-0 x 6-8/6-10



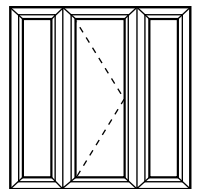
5-0 x 6-8/6-10
6-0 x 6-8/6-10



2-6 x 6-8/6-10
3-0 x 6-8/6-10



2-6 x 6-8/6-10
3-0 x 6-8/6-10



6-0 x 6-8/6-10

Insulate Series Patio Door

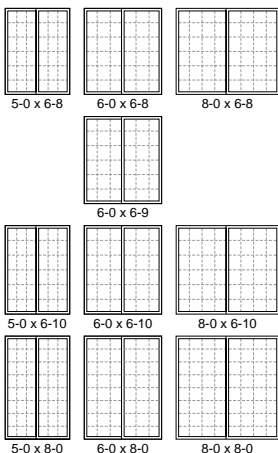


Features and Benefits

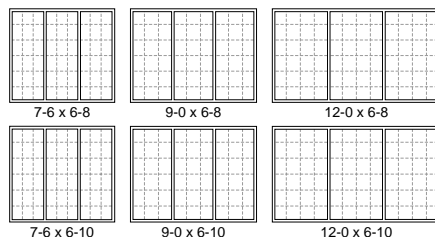
- Adjustable stainless steel rollers provide a smooth glide, making it easy to operate
- Exterior glazing provides a cleaner sight line while enhancing overall structural integrity
- Minimum ½" air space offers maximum energy efficiency
- Low-point, high-pressure weep system pulls water out of the frame
- Fusion welded corners in frame and panels

Standard Configurations Shown

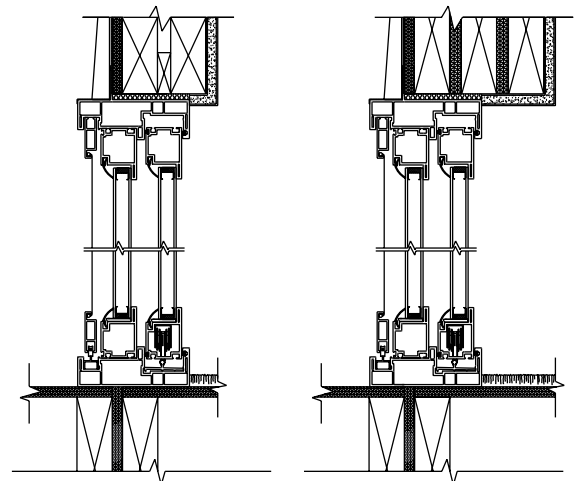
- Door dimensions are rough openings. Net dimension is ½" inch less than rough opening in each direction
- Grids are optional; standard patterns shown
- Rough opening sizes on 3- and 4-panel doors will vary to accommodate stock glass size



Due to continued product research, development and testing, CertainTeed reserves the right to change specifications without notice.



Cross Section Detail



Insulate Series Patio Door Continued

Options

- White or Almond
- Non-corrosive hardware package available
- Add sidelites or transoms to 2- and 3-panel styles to expand viewing area
- Sound control glazing package available
- Clear, Thermaflex® Low "E," tinted glass

Test Performance Data

Air Infiltration: .1 cfm/ft

Water Resistance:

No leakage at 5.25 psf

Structural Performance:

No damage at 30.0 psf

U Factor:

Thermaflex® / Argon .32

Clear / Air .50

Performance Class: R-20

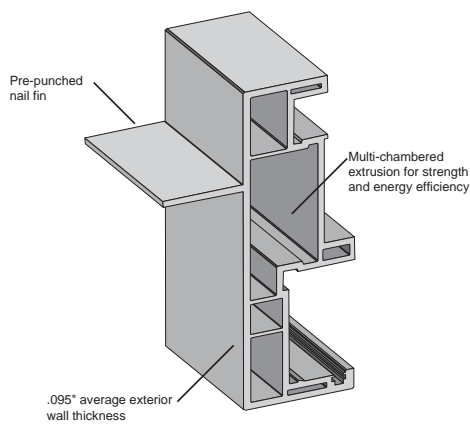
Test Performance Descriptions:

Air Infiltration tested per ASTM E 283-91.

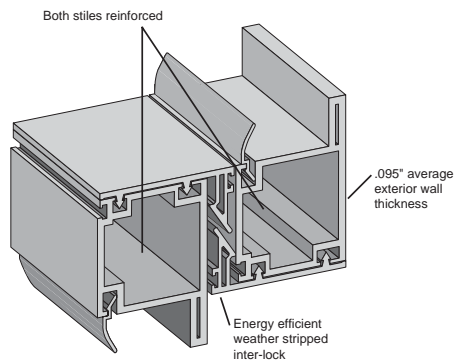
Water Resistance tested per ASTM E 547-86.

Structural Performance/Wind Load tested per ASTM E 330-90.

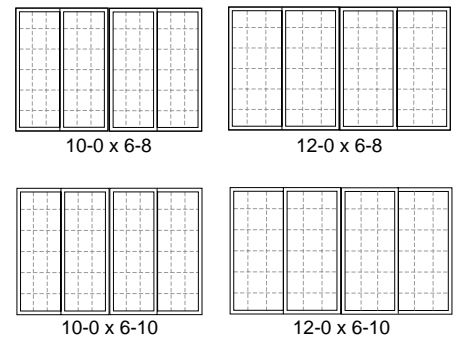
Thermal Performance tested per NFRC 100.



Patio Door Profile



Patio Door Interlocking Styles



New Castle XT Patio Door – French or Standard Rail Style



Features and Benefits

- Stainless steel rollers provide a smooth glide
- Self-latching, heavy duty aluminum screen has separate track and rollers for smooth operation
- Two-point lock with adjustable strikes is standard on 2- and 3-panel doors
- Four-point lock is standard on 4-panel doors
- Shoot-bolt in 4-panel doors for added security.
- 3/4" insulated, tempered glass for excellent thermal performance
- Anodized, aluminum threshold cover
- Fully fusion welded corners in panels and frame

Configurations Standard or French Rail

- (Shown)
- The panels can also be made with 2 1/2" stiles and rails, when a more traditional look is desired

Options

- White or Almond
- 4-Point lock system on 2- and 3-panel doors
- Polished gold color interior handle
- Side-lites; transoms
- Key lock cylinder

Test

Performance Data

Air Infiltration:

.1 cfm/ft

Water Resistance:

No leakage at 5.25 psf

Structural Performance:

No damage at 45.0 psf

U Factor (3/4" O.A.):

Clear/Air .50

Thermafect®/Argon .34

Structural Rating:

C-30



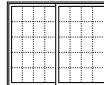





Test Performance Descriptions:


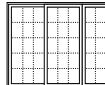
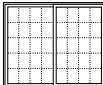

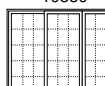


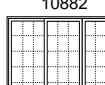
Air Infiltration tested per ASTM E 283-91.


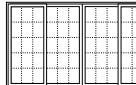


Water Resistance tested per ASTM E 547-86.

Structural Performance/Wind Load tested per ASTM E 330-90.

Thermal Performance tested per NFRC 100.

ROUGH OPENING	60"	72"	96"
UNIT SIZE	59 1/2"	71 1/2"	95 1/2"
80" 79 1/2"			
	6080	7280	9680
82" 81 1/2"			
	6082	7282	9682
96" 95 1/2"			
	6096	7296	

ROUGH OPENING	90"	108"	144"
UNIT SIZE	89 1/2"	107 1/2"	143 1/2"
80" 79 1/2"			
	9080	10880	14480
82" 81 1/2"			
	9082	10882	14482
96" 95 1/2"			
	9096	10896	

ROUGH OPENING	120"	144"
UNIT SIZE	119 1/2"	143 1/2"
80" 79 1/2"		
	12080	14480
82" 81 1/2"		
	12082	14482

Insulate Series Slimline Patio Door



Features and Benefits

- Fusion welded corners in frame and panels
- Low-point, high-pressure weep system pulls water out of the frame
- Multiple chambers minimize heat conductance
- Pre-punched nail fin
- Minimum 1/2" air space offers maximum energy efficiency

Standard Configurations Shown

- Frame depth 4 1/4"
- Fin setback 1 3/16"
- 3/4" overall insulated glass
- Adjustable strike
- Stainless steel, face-adjustable tandem rollers
- Steel reinforced lead and interlock stiles
- Reversible panels – even after installation with no deglazing required

Options

- White or Almond
- Keylock (Schlage compatible)
- Secondary shoot bolt in the head
- Flat grids
- Single glaze available
- Heavy-duty aluminum screen
- Integral J-channel

Test

Performance Data

Air Infiltration:

.1 cfm/ft

Water Resistance:

No leakage at 5.25 psf

Structural Performance:

No damage at 45.0 psf

U Factor:

Clear/Air .50

Thermafect®/Argon .32

Performance Class:

C-30

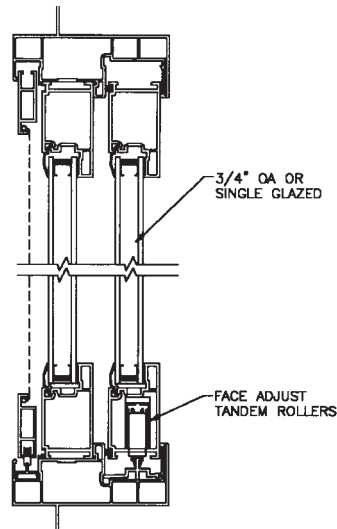
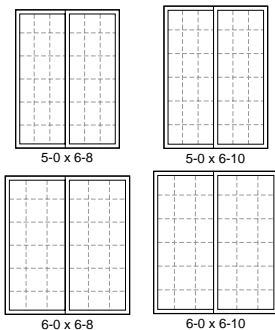
Test Performance Descriptions:

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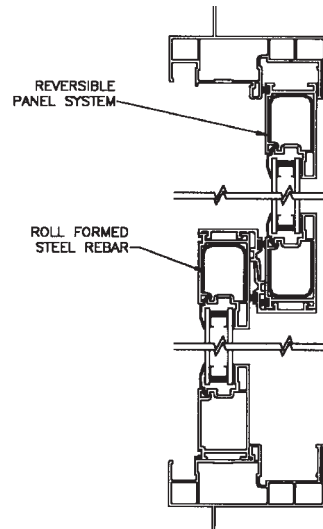
Water Resistance tested per ASTM E 547-86.

Structural Performance/Wind Load tested per ASTM E 330-90.

Thermal Performance tested per NFRC 100.



Vertical Section



Horizontal Section

CertainTeed Patio Doors



CertainTeed. Leading in value since 1904.

CertainTeed has long stood for innovation and value in the building materials industry — today producing vinyl windows, roofing, vinyl and fibercement siding, fiber glass insulation, pipe, fence, deck, and railing through facilities nationwide.

Our commitment to the principles of “Quality made certain, satisfaction guaranteed” has made CertainTeed a name you can choose with confidence. Visit our website at www.certainteed.com.



CertainTeed windows and patio doors with the Thermaflect® glazing system meet the ENERGY STAR® guidelines for thermal efficiency in all climate regions.

CertainTeed ®
Quality made certain. Satisfaction guaranteed.™