

Entry & Patio Door Systems

Feature	Classic-Craft.	Fiber-Classic. & Pulse. Wood-Grained	Smooth-Star. & Pulse. Smooth	Profiles™ & Pulse. Steel (6'8")	Traditions & Pulse. Steel (8'0")
Skin Material	Fiberglass	Fiberglass	Fiberglass	24-Gauge Steel	6'8": 25-Gauge Steel / 8'0": 24-Gauge Steel
Skin Texture	Oak, Mahogany, Fir Grain; High-Detail Smooth	Oak, Mahogany Grain	High-Detail Smooth	Smooth	Smooth
Exterior Finish	Stain or Paint	Stain or Paint	Paint	Paint	Paint
Interior Finish	Stain or Paint	Stain or Paint	Paint	Paint	Paint
Panel – Top Rail	Composite	Composite	Composite	Wood	Wood
Panel – Bottom Rail	Composite	Composite	Composite	Composite	Composite
Lock Stile	4" Full-Length Engineered Lumber	1-¼" Engineered Lumber	1-¼" Engineered Lumber	1-¼" Wood	1-¼" Wood
Lock Block	4" Full-Length Engineered Lumber Stile	22-½" Wood	12-½" Wood	12-½" Wood	6'8": 12-½" Wood / 8'0": 22-½" Wood
Height Options	6'8" & 8'0"	6'6", 6'8", 7'0" & 8'0"	6'6", 6'8", 7'0" & 8'0"	6'6", 6'8" & 7'0"	6'6", 6'8" & 8'0"
Width Options	2'8", 3'0" & 3'6"	2'0", 2'4", 2'6", 2'8", 2'10" & 3'0"	2'0", 2'4", 2'6", 2'8", 2'10", 3'0" & 3'6"	2'0", 2'4", 2'6", 2'8", 2'10", 3'0" & 3'6"	2'0", 2'4", 2'6", 2'8", 2'10" & 3'0"
Panel Options	Single, Double or Triple	Single, Double or Triple	Single, Double or Triple	Single, Double or Triple	Single, Double or Triple
Sidelite Options	10", 12" & 14"	10", 12" & 14"	10", 12" & 14"	10", 12" & 14"	10", 12" & 14"
Glass Options	SMC Frame; Deco / Privacy & Textured / Low-E IG	BTS Frame, PVC Frame; Deco / Privacy & Textured / Low-E / Clear IG	BTS Frame, PVC Frame; Deco / Privacy & Textured / Low-E / Clear IG	BTS Frame, PVC Frame; Deco / Privacy & Textured / Low-E / Clear IG	BTS Frame, PVC Frame; Deco / Privacy & Textured / Low-E / Clear IG
Sill*	Inswing: Composite Adjustable Outswing: Composite Outswing	Inswing: Basic Composite Adjustable Outswing: Composite Outswing	Inswing: Basic Composite Adjustable Outswing: Composite Outswing	Inswing: Basic Fixed Outswing: Aluminum	Inswing: Basic Fixed Outswing: Aluminum
Weatherstrip – Hinge	Medium-Reach	Medium-Reach	Medium-Reach	Medium-Reach	Medium-Reach
Weatherstrip – Lock	Medium-Reach	Long-Reach	Long-Reach	Long-Reach or Magnetic	Long-Reach or Magnetic
Weatherstrip – Head	Medium-Reach	Long-Reach	Long-Reach	Long-Reach or Magnetic	Long-Reach or Magnetic
Multi-Point Lock	Recommended	Recommended	Recommended	–	–
Security Strike Plate	Recommended	Recommended	Recommended	Recommended	Recommended
Hinges*	Classic-Craft Ball-Bearing	Self-Aligning	Self-Aligning	Self-Aligning	Self-Aligning
Frame*	Rot-Resistant	Rot-Resistant	Rot-Resistant	Primed Pine	Primed Pine
Screens & Screen Accessories Available Colors: Bronze, White	2" Frame, 3" Frame	2" Frame, 3" Frame	2" Frame, 3" Frame	2" Frame, 3" Frame	2" Frame, 3" Frame
Residential Limited Warranty	Lifetime	Lifetime	Lifetime	10 Years	Door: 5 Years / Glass: 10 Years / Pulse 8'0": 10 Years

For dimensional data, see your Therma-Tru seller or visit www.thermatru.com for a copy of the Therma-Tru Unit & Rough Opening Sizing Booklet.

*Standard product recommendations shown; additional options may be available.

Therma-Tru® Door Systems

Independent Laboratory Performance Testing

At the time of manufacture, Therma-Tru exterior door systems (properly assembled with all genuine Therma-Tru components) have been tested under one or more of the following performance specifications: structural load, uniform load deflection, vertical load resistance, air infiltration, water penetration resistance, forced entry resistance, operating forces, force to latch, deglazing resistance, operating cycle performance, impact resistance, sound transmission, thermal performance and solar heat gain performance. Therma-Tru exterior door systems conform to the applicable Performance Standards / Test Methods that may include ANSI/AAMA/NWWDA 101/I.S.2, AAMA/WDMA 101/I.S.2/NAFS, AAMA/WDMA/CSA 101/I.S.2-A440, ASTM E330, ASTM E547, ASTM E283, ASTM E 331, ANSI/BHMA A156.2, AAMA 1304, AAMA 920, AAMA 925, ASTM E2068, ASTM F842, ASTM E987, ASTM E1300, ASTM E90, ASTM E413, ASTM E1332, ASTM E1886, ASTM E1996, PA/TAS 201, PA/TAS 202, PA/TAS 203, HUD UM89, AAMA 1702.2, 24 CFR 3280, 24 CFR 3282, NFRC 100 and NFRC 200. Refer to www.thermatru.com for design pressure and other performance ratings.

Doors

Recommended Door Overhang – For best performance, all doors should be protected by an overhang. The recommended size is half the distance from the base of the door to the bottom of the overhang. So, as an example, a distance of 10' for this dimension would require an overhang of 5' minimum. For wetter climates, southern or western exposures, and for double doors, the overhang should be the same as the distance from the base of the door to the bottom of the overhang. In this same example, the dimension is 10' so the overhang should be 10'.

For best performance, double doors to be used in areas with severe weather exposure must be installed using entry alcoves or large soffit overhangs to protect entry unit from exposure. Multi-point locking systems are highly recommended for 8'0" and double door applications.

Doorlites

Doorlites are insulated, and exposed panes are tempered. Optional wood grilles available for clear doorlites and transoms.

Inserts – All glass (except flush-glazed styles) shall be bedded with glazing mastic and secured in doors with screws. Therma-Tru's SMC and BTS doorlite frames are available for most styles except where noted. SMC and BTS frames shall resist significant deformation by heat up to 200 degrees Fahrenheit, regardless of paint or stain color or placement behind a storm door.

PVC doorlite frames and dividers must be finished within 30 days of installation. Failure to do so will increase the chance for product damage of the type that is not covered by the warranty. PVC doorlite frames and dividers are not recommended for use behind storm doors or to be painted dark colors, if exposed to direct sunlight.

Decorative Glass & Wrought Iron – Each Therma-Tru decorative glass unit is handcrafted by skilled artisans replicating Old World techniques. Each piece is a unique work of art and many things that would appear to be imperfections (small bubbles, lines and waves within the glass) are normal and are part of the Old World charm.

Condensation occurs naturally in the home, caused by excessive humidity in the air. Often this harmless water vapor can be seen collecting on glass surfaces, such as doorlites. Energy-efficient glass units in Therma-Tru door systems are constructed to keep the glass as warm as possible, reducing condensation build-up. However, there is no such thing as a condensation-free window or doorlite in high-humidity conditions.

NOTE: Glass privacy ratings are determined by the 1/2-lite glass size. As a result, the amount of privacy / glass transparency may be more or less than indicated by the privacy rating, based on the glass design and size of the glass that is inserted into the door, sidelite or transom.

Glass designs may differ from depiction due to the size and hand craftsmanship of glass. See your Therma-Tru seller or visit www.thermatru.com for more details.

Components

Adjustable Security Strike Plate – Proprietary adjustable type, permitting in-out adjustment of door in frame, up to 3/16".

Hinges – Minimum hinge size 4" x 4" x .098".

Ball-bearing hinges are recommended for 8'0" doors, doors using heavy lites (e.g., wrought iron), all 20-Minute Fire-rated fiberglass doors, Impact-rated doors and glass, and all Classic-Craft doors.

Use of the multi-point locking system is highly recommended for 8'0" and double fiberglass doors. Not recommended for steel doors.

Please be aware that single door units built with public access sills have little resistance to water penetration, and double doors built with these sills have a potential to leak if installed exposed to weather. We recommend that units be installed away from weather under large soffits or overhangs.

Use of a sill pan is recommended.

Fiber-Classic and Smooth-Star dentil shelves are not recommended for placement behind storm doors or to be painted dark colors, if exposed to direct sunlight.

Impact-Rated Products

Impact-rated products must be installed as part of a Therma-Tru door system in compliance with a Therma-Tru product approval. Visit www.thermatru.com for product approvals and full details on WBD- (Wind-Borne Debris Region) / HVHZ- (High Velocity Hurricane Zone) compliant products. Follow weather and news reports in order to assess severe weather situations and obey local authorities' shelter and evacuation orders. No product guarantees safety for persons or property, nor makes any premises hurricane- or impact-proof.

Fire-Rating Performance Standards

Fire and building codes vary throughout the country and acceptance of products and labels is left to the discretion of the local authorities.

MODIFICATION OF PRODUCTS DESCRIBED IN THIS BROCHURE WHICH CARRY FIRE RATINGS (DOORS AND FRAMES) MAY VOID THE FIRE RATINGS.

Test conducted by Intertek, Warnock-Hersey.

Limited Warranties

Please be aware of the applicable Therma-Tru Limited Warranty which contains important restrictions, disclaimers, exclusions and conditions, as well as the below listed Installation, Finishing & Maintenance documents, related to the Therma-Tru product purchased (e.g., Fiberglass, Steel, Patio Door Systems), all of which can be obtained from your Therma-Tru seller or found in their entirety at www.thermatru.com:

- Therma-Tru. Fiberglass and Steel Door Systems Residential Limited Warranty: Fiberglass – Classic-Craft, Fiber-Classic, Smooth-Star and Pulse. Door Systems; Steel – Pulse, Profiles, Traditions and Therma-Tru. Fire Door (TR 12-24) Steel Edge Door Systems
- Therma-Tru. Tru-Defense. Door System Rider to Fiberglass Door Systems Limited Warranty: Classic-Craft, Fiber-Classic, Smooth-Star and Pulse. Fiberglass Door Systems
- EnLiten. Flush-Glazed Construction & Installation Rider to Fiberglass Door Systems Limited Warranty for Residential and Multi-Resident Premises: Classic-Craft, Fiber-Classic and Smooth-Star. Flush-Glazed Fiberglass Door Systems
- EnLiten. Flush-Glazed Homeowner Rider to Fiberglass Door Systems Limited Warranty for Residential and Multi-Resident Premises: Classic-Craft, Fiber-Classic and Smooth-Star. Flush-Glazed Fiberglass Door Systems
- PrismaGuard. Limited Warranty Rider to Fiberglass Door Systems Limited Warranty for Residential and Multi-Resident Premises: Classic-Craft and Fiber-Classic. Door Systems.
- Same-Day. Stain 5-Year Limited Warranty: Same-Day. Stain and Topcoat for Use on Therma-Tru. Fiberglass Door Systems and Fypon. Stainable Polyurethane Products

Installation, Finishing & Maintenance

Installation, finishing and maintenance must be performed according to Therma-Tru's recommendations to comply with warranty requirements. Obtain a copy of the following documents outlining recommendations from your Therma-Tru seller or find them in their entirety at www.thermatru.com:

- Installation Instructions
- Therma-Tru Fiberglass and Steel Door Systems Recommendations for Proper Finishing and Painting or Staining

NOTE: Finish colors may vary from an actual application due to fluctuations in finishing or the printing of this catalog. See your Therma-Tru seller or visit www.thermatru.com for more details.

Therma-Tru. Owner's Manual & Warranties
www.thermatru.com/warranty