



HARVEY
BUILDING PRODUCTS

2011

Acoustic & Impact-Rated Doors



THERMA TRU
DOORS

Manufacturing quality building products since 1961

Architects, Specifiers, Developers and Property Managers have found Harvey Building Products to be a manufacturer and supplier they can depend on to support large or unique projects. Our architectural sales staff provides specialized services for project work consisting of windows and doors and exterior building products. We also offer products for virtually any application including those that require a higher level of acoustic or impact-resistant performance.

Harvey Building Products is a leading manufacturer and distributor of high quality building products. We manufacture a complete line of superior quality windows, doors and patio rooms right here in the Northeast. All built on a solid reputation for outstanding craftsmanship and superior service.



Therma-Tru door line, Londonderry MFG plant

Our in-house testing lab performs tests to verify thermal and structural requirements:

- Acoustic Materials and Product Construction
- NFRC Thermal Certification
- Validation Testing
- HUD Approval
- AAMA/WDMA/CSA 101/I.S.2/A440-05

We use independent test labs to verify:

- Impact and Cycling
- Condensation Resistance Factor Simulation
- STC and OITC Testing

As the manufacturer/distributor of choice in the Northeast, Harvey Building Products is proud to partner with Therma-Tru®. Year after year, building professionals rank Therma-Tru® as the brand they use most, and as the most innovative company in fiberglass entry and patio door systems. Therma-Tru® is the preferred brand of exterior doors, building their reputation over more than 40 years—including the 28 years since they invented the fiberglass door.



State-of-the-art door line

We assemble Therma-Tru entry and patio doors in our state-of-the-art manufacturing facility in Londonderry, New Hampshire.

Operating our own door shop allows us the flexibility to service our customers with competitive lead times and greater control over the quality of the finished product. We set up doors to order in special sizes and custom configurations including double doors and doors with sidelights and transoms. Tell us what you need and we'll build it for you!



Prefinished door service

We offer a service unique to Therma-Tru distributors: our own prefinished door service.

With our in-house, state-of-the-art process, we produce a resilient and durable finish that can't be duplicated in the field. Our system has proven durability in all weather conditions, and provides lasting color vibrancy, expanded color and gloss retention, and high abrasion and humidity resistance. We offer both solid color and wood grain finishes; for more information, see the Harvey/Therma-Tru catalog for swatches.



Showrooms

Nowhere is our commitment to the Harvey/Therma-Tru partnership more evident than in our Harvey Product Showrooms.

Our showrooms, located throughout New England and in Pennsylvania, give you the opportunity to view a wide selection of Therma-Tru doors in real-life settings. Many different door, glass, and finishing options are on display, and showroom representatives can help guide your decision-making process. Visit harveybp.com for locations, hours and directions.



Certified distributor

Harvey Building Products is a Certified Distributor of Therma-Tru products. We use only Therma-Tru and Therma-Tru-specified components to build door systems. All door units are set up to Therma-Tru specifications so you will receive what you've come to expect from Harvey—the best quality door unit available.

For more information about products in the Therma-Tru line, please visit your local branch for a copy of the Harvey/Therma-Tru product catalog.



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Your best defense against nature's worst

Therma-Tru Tru-Defense® door system sets the standard for enhanced performance for all Therma-Tru® fiberglass entry door systems. A Tru-Defense door system maximizes the seal between the door slab and the frame to help keep out damaging effects of wind and rain and increases energy efficiency.

Fiberglass entry systems

inswing



outswing



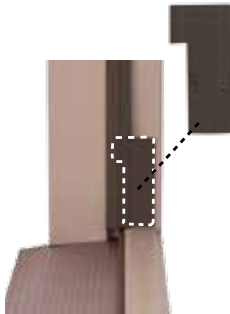
A Tru-Defense door system includes Therma-Tru fiberglass door and door with sidelites used in combination with a series of specific components designed and engineered to perform better in all kinds of weather conditions.*



- 1 weatherstrip**
Foam filled compression weatherstrip remains flexible and helps seal your entryway against moisture and air infiltration.



- 7 5/8" or 7/8" aluminum astragal**
The dual-durometer triple seal boot design secures the door tightly to the sill providing a superior seal between the door and the sill. For double door applications only.



- 2 seven shape corner seal pad**
Its innovative patent pending design creates an air pocket that helps prevent air and water infiltration.



- 8 multi-point locking system**
Adds greater security and stability for enhanced door system performance. Stainless steel construction resists rust and corrosion.



NOTE: Multi-point locking systems are highly recommended for 8' and double door applications.



- 3 dual bulb door bottom sweep**
Features dual bulbs with dual fins that sit tightly on the sill to help prevent air and water infiltration (inswing systems only).



- 4 composite sills**
Profiled design for a tighter fit with the door to help eliminate the destructive effects of water. Inswing uses a composite adjustable sill. An outswing uses a fixed composite sill.



5



- 6 rain deflector**
Helps repel water away from sealing components. Required for inswing patio door systems and outswing door systems.

Latch and Deadbolt systems

Lock systems on Therma-Tru fiberglass entry doors also qualify as Tru-Defense door systems. Use our multi-point locking system for greater performance.

latch and deadbolt



multi-point lock



*Therma-Tru is not responsible for the assembly and installation of the components of the Tru-Defense Door Systems.



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Impact-Rated Doors and Glass

Therma-Tru's impact rated products are a better way to protect homes against severe storm damage, including heavy winds, rain and flying debris. And, like other Therma-Tru products, they offer beauty and style for strong curb appeal.

Unlike other industrial looking frames, Therma-Tru door systems with impact rated glass are available with an attractive scrolled frame, featuring a patent pending screw channel cover. The Lip-Lite Frame allows for extra room between the frame and the lockset, which means your hardware options are almost endless. Available in clear, Low-E, GBG and select decorative glass designs.



Therma-Tru® Lip-Lite frame

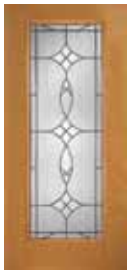
Therma-Tru® Impact Lip-Lite frame features an attractive scrolled profile with a screw channel cover.



Other industrial type frames

The width of most industrial type frames limits your choice of locksets, and they have industrial looking profiles.

Blackstone Glass



- ▲ FC108 (C, D)
- S6002 (C, D)
- 2'8" x 6'8"
- 3'0" x 6'8"



- ▲ FC108SL (C, D)
- S6002SL (C, D)
- 12" x 6'8"
- 14" x 6'8"



- ▲ FC109 (C, D)
- S6000 (C, D)
- 2'8" x 6'8"
- 3'0" x 6'8"



- ▲ FC109SL (C, D)
- S6000SL (C, D)
- 12" x 6'8"
- 14" x 6'8"



- ▲ 81918 (C, D)
- S85892 (C, D)
- 2'8" x 8'0"
- 3'0" x 8'0"



- ▲ 81918SL (C, D)
- S85892SL (C, D)
- 12" x 8'0"
- 14" x 8'0"

Crystalline Glass



- ▲ FC16 (A, C, D)
- S916 (A, C, D)
- 2'8" x 6'8"
- 3'0" x 6'8"



- ▲ FC16SL (A, C, D)
- S916SL (A, C, D)
- 12" x 6'8"
- 14" x 6'8"



- ▲ 81800 (A, C, D)
- S814 (A, C, D)
- 2'8" x 8'0"
- 3'0" x 8'0"



- ▲ 81800SL (A, C, D)
- S84586 (A, C, D)
- 12" x 8'0"
- 14" x 8'0"

Legend

- ▲ Available in Fiber-Classic®
- Available in Smooth-Star®

A - Brass

C - Brushed Nickel

D - Black Nickel

GBG - Grilles sealed between glass
(available in White or Tan)

Salinas Glass



- ▲ FC113
- S6008
- 2'8" x 6'8"
- 3'0" x 6'8"



- ▲ FC113SL
- S6008SL
- 12" x 6'8"
- 14" x 6'8"



- ▲ FC115
- S6009
- 2'8" x 6'8"
- 3'0" x 6'8"



- ▲ FC115SL
- S6009SL
- 12" x 6'8"
- 14" x 6'8"



- ▲ FC114
- S6006
- 2'8" x 6'8"
- 3'0" x 6'8"



- ▲ FC114SL
- S6006SL
- 12" x 6'8"
- 14" x 6'8"



- ▲ 81919
- S85893
- 2'8" x 8'0"
- 3'0" x 8'0"



- ▲ 81919SL
- S85893SL
- 12" x 8'0"
- 14" x 8'0"

Clear Glass Styles



▲ FC62
● S206
2'8" x 6'8"
3'0" x 6'8"



▲ FC48SL
● S210SL
12" x 6'8"
14" x 6'8"



GBG
▲ FC65
● S262
2'8" x 6'8"
2'10" x 6'8"
3'0" x 6'8"



GBG
▲ FC63SL
● S263SL
12" x 6'8"
14" x 6'8"



▲ FC32
● S80
2'8" x 6'8"
3'0" x 6'8"



● S90
2'8" x 6'8"
3'0" x 6'8"



▲ FC32SL
● S751SL
12" x 6'8"
14" x 6'8"



▲ FC10
● S118
2'6" x 6'8"
2'8" x 6'8"
2'10" x 6'8"
3'0" x 6'8"



▲ FC47SL
● S100SL
12" x 6'8"
14" x 6'8"



GBG
▲ FC18
● S108
2'6" x 6'8"
2'8" x 6'8"
2'10" x 6'8"
3'0" x 6'8"



GBG
▲ FC18SL
● S308SL
12" x 6'8"
14" x 6'8"



GBG
▲ FC138
● S128
2'6" x 6'8"
2'8" x 6'8"
2'10" x 6'8"
3'0" x 6'8"



▲ 1283
● S140
2'0" x 6'8"



GBG
▲ 1285
● S141
2'0" x 6'8"



GBG
▲ FC198
● S198
2'8" x 6'8"
3'0" x 6'8"



▲ 81200
● S818
2'6" x 8'0"
2'8" x 8'0"
2'10" x 8'0"
3'0" x 8'0"



▲ 81200SL
● S81086SL
12" x 8'0"
14" x 8'0"



GBG
▲ 81208
● S808
2'6" x 8'0"
2'8" x 8'0"
2'10" x 8'0"
3'0" x 8'0"



GBG
▲ 81208SL
● S81186SL
12" x 8'0"
14" x 8'0"



GBG
▲ 81210
● S828
2'0" x 8'0"



▲ 81222
● S838
2'0" x 8'0"



GBG
▲ 81828
● S828
2'6" x 8'0"
2'8" x 8'0"
2'10" x 8'0"
3'0" x 8'0"



Impact-Rated Opaque Doors

Opaque impact-rated doors offer plenty of style choices while providing protection. Ideal for coastal areas with the highest exposure to tropical storms and hurricanes, opaque impact doors are also recommended for other areas of the country that experience occasional severe weather conditions. Opaque impact doors are designed with a patent-pending steel plate inside to withstand hurricane force winds and are Florida code and High Velocity, Hurricane Zone approved (Miami-Dade and Broward counties). They have the highest structural ratings available in the marketplace today, providing homeowners with peace of mind that their doors will remain intact during severe weather.



Flush-glazed doors with impact-rated glass

Flush-glazed doors with impact-rated glass meet Florida and international building codes. These doors feature Therma-Tru's new impact-rated glass assembled directly into the door, making the door and glass one solid piece. In addition, this new glass has been third party tested to withstand windborne debris. You now have the option of attractive, full-lite, flush-glazed, impact-rated glass in a fiberglass door that withstands all types of severe weather.



Available in: 2'6" x 8'0"
2'8" x 8'0"
2'10" x 8'0"
3'0" x 8'0"

Noise reduction door system

Therma-Tru® noise reduction door systems provide a commercial level of performance, while providing the look of a residential door system. Ideal for multi-use and urban in-fill projects located near sources of noise pollution, Therma-Tru's noise reduction door systems provide a Sound Transmission Class (STC) rating of 36. Noise reduction lites also offer added security from forced entry with laminated glass surrounded by a standard Lip-Lite frame.

features

- An innovative exterior door system designed and engineered to reduce high levels of unwanted noise
- Utilizes standard BTS lite frames, which can handle temperature swings and extremes without warping, splitting, cracking or yellowing – even behind storm doors where thermal heat build up occurs
- Incorporates laminated glass, providing added security from forced entry
- Full view patio doors are built with an engineered core securely laminated and bonded to the fiberglass skins, providing for a rigid and durable door assembly
- Available with optional 10" ADA compliant bottom rail
- Solutions available in 6'6", 6'8", and 8'0" heights



S140STC Full Lite (LE)

2'6" x 6'6" 2'6" x 6'8"
2'8" x 6'6" 2'8" x 6'8"
2'10" x 6'6" 2'10" x 6'8"
3'0" x 6'6" 3'0" x 6'8"



S141STC 10-Lite (LE)

2'6" x 6'6" 2'6" x 6'8"
2'8" x 6'6" 2'8" x 6'8"
2'10" x 6'6" 2'10" x 6'8"
3'0" x 6'6" 3'0" x 6'8"



S6063STC 15-Lite (LE)

2'6" x 6'6" 2'6" x 6'8"
2'8" x 6'6" 2'8" x 6'8"
2'10" x 6'6" 2'10" x 6'8"
3'0" x 6'6" 3'0" x 6'8"



S81001STC 8' Full Lite (LE)

2'6" x 8'0" 2'8" x 8'0"
2'10" x 8'0" 3'0" x 8'0"



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Sizes and Rough Openings

Inswing Door Systems

Description	Size	Actual Unit Size	Rough Opening
Single Door	2'0"	25-5/8" x 82"	26-1/2" x 82-1/2"
Unit	2'4"	29-5/8" x 82"	32-1/2" x 82-1/2"
	2'6"	31-5/8" x 82"	32-1/2" x 82-1/2"
	2'8"	33-5/8" x 82"	34-1/2" x 82-1/2"
	2'10"	35-5/8" x 82"	36-1/2" x 82-1/2"
	3'0"	37-5/8" x 82"	38-1/2" x 82-1/2"
	3'6"	43-5/8" x 82"	44-1/2" x 82-1/2"
Double Door	5'0"	62-9/16" x 82"	63-1/4" x 82-1/2"
Unit	5'4"	66-9/16" x 82"	67-1/4" x 82-1/2"
	6'0"	74-9/16" x 82"	75-1/4" x 82-1/2"

Outswing Door Systems

Single Door	2'0"	25-5/8" x 80-5/8"	26-1/2" x 81"
Unit	2'4"	29-5/8" x 80-5/8"	30-1/2" x 81"
	2'6"	31-5/8" x 80-5/8"	32-1/2" x 81"
	2'8"	33-5/8" x 80-5/8"	34-1/2" x 81"
	2'10"	35-5/8" x 80-5/8"	36-1/2" x 81"
	3'0"	37-5/8" x 80-5/8"	38-1/2" x 81"
	3'6"	43-5/8" x 80-5/8"	44-1/2" x 81"
Double Door	5'0"	62-9/16" x 80-5/8"	63-1/4" x 81"
Unit	5'4"	66-9/16" x 80-5/8"	67-1/4" x 81"
	6'0"	74-9/16" x 80-5/8"	75-1/4" x 81"

Note 1: Tru-Defense 6'8" Outswing Door Systems Actual unit height is 81-3/16" and rough opening height is 81-5/8". Single Door widths stay the same for unit and rough opening dimensions. Actual Unit widths on double doors are 5'0"– 62-5/16", 5'4"– 66-5/16" and 6'0"– 74-5/16". Double rough opening sizes remain unchanged.

Sidelites

Add actual unit	10"	11-1/2" x 82"	12" x 82-1/2"
size to door rough	12"	13-1/2" x 82"	14" x 82-1/2"
opening size for	14"	15-1/2" x 82"	16" x 82-1/2"
total rough	32"	33-1/2" x 82"	34-1/2" x 82-1/2"
opening	36"	37-1/2" x 82"	38-1/2" x 82-1/2"

Eight Foot Door Systems – Inswing

Description	Size	Actual Unit Size	Rough Opening
Single Door	2'0"	25-5/8" x 98"	26-1/2" x 98-1/2"
Unit	2'4"	29-5/8" x 98"	30-1/2" x 98-1/2"
	2'6"	31-5/8" x 98"	32-1/2" x 98-1/2"
	2'8"	33-5/8" x 98"	34-1/2" x 98-1/2"
	2'10"	35-5/8" x 98"	36-1/2" x 98-1/2"
	3'0"	37-5/8" x 98"	38-1/2" x 98-1/2"
	3'6"	43-5/8" x 98"	44-1/2" x 98-1/2"
Double Door	4'0"	50-9/16" x 98"	51-1/4" x 98-1/2"
Unit	5'0"	62-9/16" x 98"	63-1/4" x 98-1/2"
	5'4"	66-9/16" x 98"	67-1/4" x 98-1/2"
	6'0"	74-9/16" x 98"	75-1/4" x 98-1/2"
			97"

Note: Outswing height dimensions – 96-5/8"

Note 2: Tru-Defense 8'0" Outswing Door Systems Actual unit height is 97-3/16" and rough opening height is 97-5/8". See Note 1 above for width information.

Eight Foot Sidelites

Add actual unit	12"	13-9/16" x 98"	14" x 98-1/2"
size to door rough	14"	15-9/16" x 98"	16" x 98-1/2"
opening			

Important Additional Information

- All dimensions are accurate only for full system door units using genuine Therma-Tru components.
- There is no allowance in any of the height dimensions for a carpet shim – please add accordingly.
- Brick openings are 2-3/4" wider and 1-1/2" higher than actual unit size.
- For 7' doors, add 4" to the actual unit size and rough opening height dimensions.
- Rectangular and elliptical transoms are 13-1/2" in height, add accordingly.
- Half round transoms heights are half the size of the actual unit width, add accordingly.
- Do not store prehung units outside.

Door & Sidelite(s) with Continuous Sill Systems – Inswing

Description	Size	Actual Unit Size	Rough Opening
w/(1) 10" Sidelite	3'0"	48-21/32" x 82"	49-1/2" x 82-1/2"
w/(1) 12" Sidelite	3'0"	50-21/32" x 82"	51-1/2" x 82-1/2"
w/(1) 14" Sidelite	3'0"	52-21/32" x 82"	53-1/2" x 82-1/2"
w/(2) 12" Sidelites	3'0"	63-21/32" x 82"	64-1/2" x 82-1/2"
w/(2) 14" Sidelites	3'0"	67-21/32" x 82"	68-1/2" x 82-1/2"

Door with Boxed Sidelite(s) Systems – Inswing

Door & Sidelite(s) with Continuous Sill Systems using "WIDE MULLIONS"

w/(1) 10" Sidelite	2'8"	45-1/8" x 82"	46" x 82-1/2"
	3'0"	49-1/8" x 82"	50" x 82-1/2"
w/(1) 12" Sidelite	2'8"	47-1/8" x 82"	48" x 82-1/2"
	3'0"	51-1/8" x 82"	52" x 82-1/2"
w/(1) 14" Sidelite	2'8"	49-1/8" x 82"	50" x 82-1/2"
	3'0"	53-1/8" x 82"	54" x 82-1/2"
w/(2) 12" Sidelites	2'8"	60-5/8" x 82"	61-1/2" x 82-1/2"
	3'0"	64-5/8" x 82"	65-1/2" x 82-1/2"
w/(2) 14" Sidelites	2'8"	64-5/8" x 82"	65-1/2" x 82-1/2"
	3'0"	68-5/8" x 82"	69-1/2" x 82-1/2"

Note: Outswing height dimensions – 80-5/8" 81"

Fire Doors in Split-Jamb Frame

Description	Size	Actual Unit Size	Rough Opening
Single Unit	3'0"	Public Access	37" x 80-3/4"
	2'6"	Full Height	31" x 81-3/8"
	2'8"	Full Height	33" x 81-3/8"
	3'0"	Full Height	37" x 81-3/8"
	No Sill Version Height –		80-3/8"

Handing Information

As with any fine exterior door system, Therma-Tru doors can be installed for right or left hand operation.

When ordering a prehung unit, refer to door swing as determined from these illustrations.



Left-Handed Right-Handed
Outswing
(View from Outside Home)

Left-Handed Right-Handed
Inswing
(View from Inside Home)

With Harvey's state-of-the-art process, we produce a resilient and durable finish that can't be duplicated in the field. We use an environmentally friendly, water-based finish with a very low solvent content that provides proven durability in all weather conditions. Additional benefits include lasting color vibrancy, expanded color and gloss retention, and high abrasion and humidity resistance. Our finishes are backed by a 5-year warranty.

WOODGRAIN FINISHES FOR CLASSIC-CRAFT AND FIBER-CLASSIC



Natural Oak



Burgundy Cherry



Cherry



Heritage Oak



Dark Walnut



White Frost



Mahogany on Oak



Honduran Mahogany

SOLID COLOR FINISHES FOR SMOOTH-STAR



Bronze



Black



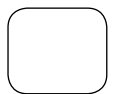
Forest Green



Cranberry



Universal Brown



White



Wedgewood Blue



Old World Blue



Tile Red



Burgundy



Sandstone



Ivory



Harvey Med. Bronze



Harvey Almond



Cashmere



Wicker



Buff



Clay



Sandalwood



Ivy Green



Leaf Green



Amazon Green



Backwood



Grey



Sable



Silver Metallic



Copper



Fire Engine Red

Colors shown are mechanically reproduced and may vary from actual product. Visit your local branch or showroom to see actual color samples.

Prefinished Door Options

Door Finishing: One color/one side, One color/two sides, Two colors/two sides

Grille Finishing: Both sides only, fixed or snap-in grids

Frame Finishing: One color or split finish (finish is split at the weatherstripping)

Wood Grain Finishing is available only on wood grain composite jambs & casings.

Solid Color Finishing is available only on white vinyl clad composite jambs & casings.

Primed finger-joint and clear jambs and casings are not available prefinished



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Door Components

Jambs

Composite jamb: can be factory finished.



Sills

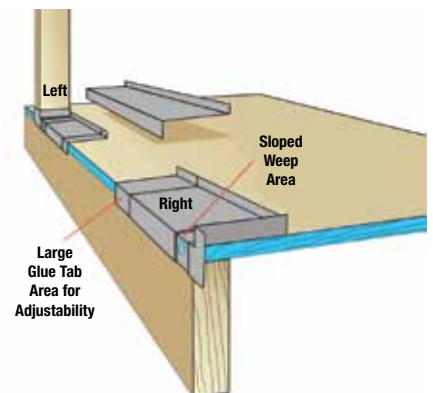
Mill finish fixed composite sill is standard. Adjustable composite and hardwood sills are available in all finishes.



Sill Pan

The Jamsill Guard® is an adjustable sill pan flashing proven to prevent damage caused by exterior door and window leaks. It is made from high-quality, high-impact ABS plastics. It is impervious to rust, corrosion, galvanic corrosion, electrolysis, and corrosive coastal areas. It helps eliminate condensation from thermal transfer and does not require any adjustment to standard rough opening sizes.

Harvey Building Products recommends the use of a sill pan for proper installation. Sill pans are required for maximum coverage under the Thermo-Tru warranty rider.



Applied Exterior Casings Composite casings can be factory finished.

WGN Composite casing - wood grain

- Brickmould
- Brickmould w/nail fin
- Brickmould w/j-channel
- 3-1/2" flat no j
- 3-1/2" flat w/j-channel



WCP Composite casing – white vinyl clad

- Brickmould
- Brickmould w/nail fin
- Brickmould w/j-channel
- 3-1/2" flat no j
- 3-1/2" flat w/j-channel



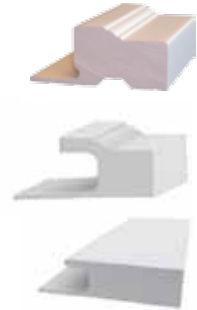
Prime finger-joint (PFJ)

- Brickmould
- 3-1/2" flat (5/4 x 4)



PVC

- Brickmould
- Brickmould w/nail fin
- Brickmould w/j-channel
- 3-1/2" flat no j
- 3-1/2" flat w/nail fin
- 3-1/2" flat w/j-channel



- Clear Pine brickmould
- Mahogany brickmould



Interior Casings



2-1/2 Colonial
WM351



2-1/2 Ranch/Clamshell
WM 315/8730



2-1/4 Colonial
WM366



2-1/4 Beaded Colonial
WM376



3-1/2 Colonial
WM444



3-1/2 Windsor
LGM 7/B200



3-1/2 Stafford
GM 650/B225

Also available clear.



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Performance Data

Therma-Tru® Exterior Doors

All door slabs shall be manufactured by Therma-Tru Corp. The panels shall be secured, using a high-performance adhesive to thermally broken, trimmable stiles and rails forming a perimeter to reduce thermal transmission and allow for field preparation of hardware. The bottom edge shall be manufactured from a moisture-resistant and decay-resistant composite. The core shall be foamed-in-place, CFC-free polyurethane with a density of 1.9 pcf nominal, k-factor of 0.15 BTU hr-1 ft-2 which shall completely fill the cavity and bond the stiles, rails, faces (glass in flush-glazed sidelites, and various flush-glazed doors) into a unitized panel.

Independent Laboratory Performance Testing

Therma-Tru exterior door systems (properly assembled with all genuine Therma-Tru components) have been tested for 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 entry and patio door systems conform to multiple Performance Standards/Test Methods that may include ANSI/AAMA/NWDA 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.

Classic-Craft® Exterior Doors

Panel face shall be manufactured from a proprietary thermoset composite, wood-grained to duplicate a handcrafted fir, oak or mahogany master and can be stained or painted in

accordance with Therma-Tru recommendations. Door edges shall be machinable kiln-dried premium wood, flush and square with door faces. The lock side shall be reinforced with a wide engineered lumber stile that runs the length of the door. The door shall be trimmable in length by 2 1/2" without rerailing (1-1/4" on top and bottom) and in width up to 1/4". Trimming shall be performed in accordance with manufacturer's instructions.

Fiber-Classic® Exterior Doors

Panel face shall be manufactured from a fiberglass-reinforced thermoset composite compound, woodgrained in oak and mahogany and can be stained or painted. A 2-3/8" wide wood lockblock shall be incorporated to provide structural integrity. The door shall be trimmable in width up to 1/4" and in length by 1/2". Trimming shall be performed in accordance with manufacturer's instructions.

Smooth-Star® Exterior Doors

Panel face shall be manufactured from a

fiberglass-reinforced thermoset composite compound that must be painted. A 2-3/8" wide wood lockblock shall be incorporated to provide structural integrity. The door shall be field trimmable in width up to 1/4" and in length by 1/2". Trimming shall be performed in strict accordance with manufacturer's instructions.

Steel Fire Doors

Both sides of each panel shall be 24- or 25-gauge galvanized steel. All door edges shall be 24- or 25-gauge steel. A lockblock shall be incorporated to provide support for secure mounting of hardware. All door surfaces are factory primed white to accept exterior paint.

Profiles™

Both sides of each panel shall be 24-gauge galvanized steel. The door edges shall be machinable kiln-dried white pine and provide full thermal break. A lockblock shall be incorporated to provide support for secure mounting of hardware. All door surfaces are factory primed white to accept exterior paint.



Traditions

Both sides of each panel shall be 25-gauge galvanized steel. The door edges shall be machinable kiln-dried white pine and provide full thermal break. A wood lock block shall be incorporated to provide secure mounting of hardware. All door surfaces are factory primed white to accept exterior paint.

Doorlites

Doorlites are insulated and exposed panes are tempered for safety and security. Single paned glass is available in a select group of clear doorlites. 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, TCM and BTS doorlite frames are available for most styles except where noted. SMC, TCM and BTS frames shall resist significant deformation by heat up to 200°F regardless of paint or stain color or placement behind a storm door. PVC doorlite frames require a finish within 30 days of installation. Failure to do so will void the warranty. Do not finish PVC doorlite frames a dark color or install behind a storm door.

Flush-Glazed: The glass in flush-glazed styles shall be molded in place by a proprietary process that bonds the glass, door panels and core into one integral panel.

Decorative Glass & Wrought Iron: Each Therma-Tru decorative glass unit is hand-crafted 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.

Transoms

Transom frames and brickmould available to match door frames in primed pine or premium wood. All transoms are 13-1/2" in height except half rounds.

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 3'6" x 8'0" doors, doors using heavy lites (i.e. wrought iron) and all 20-minute fire-rated fiberglass doors. Weatherstripping – Jacketed urethane weatherstrip, in proprietary design, kerf-fit to frame stops, door bottom gasket with proprietary sill-interface feature, and right and left side corner seal pads.

Sills – Wide range of sill options: thermally broken fixed, adjustable with hardwood or high performance threshold, and public access. Selected styles have milled aluminum, anodized bronze, anodized satin nickel and anodized brass finishes. High performance sills feature stainless steel adjustment mechanisms help to resist corrosion.

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.

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. Consult NFPA-80 for further information on labeling, testing procedures and standards and their meaning.

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

** Test conducted by Warnock-Hersey International Laboratories and Applied Research Laboratories.

Finishing and Painting

Installation, finishing and maintenance must be performed according to Therma-Tru's recommendations to comply with warranty requirements. Obtain a copy of the Therma-Tru recommendations from your dealer or distributor or visit www.thermatru.com.

Some highlights are:

Classic-Craft and Fiber-Classic door systems should be stained using the Therma-Tru Same Day Stain only or painted using primer and acrylic latex paint (exterior grade on outside).

Smooth-Star, Profiles and Traditions door systems should also be painted using acrylic latex paint (exterior grade on outside). No primer is needed on Smooth-Star fiberglass or steel doors.

DO NOT apply Therma-Tru topcoat directly to an unfinished fiberglass door. DO NOT use automotive paint

All Therma-Tru doors must be finished within 6 months of the installation date for warranty coverage. Bare and unprotected wood such as jambs, mull posts and brickmould trim should be finished within 2 weeks of installation date for warranty and coverage.

Maintenance

Inspect finished surfaces periodically, as well as sealants and gasketing. All may be affected by exposure to environmental conditions. Recoat stained surfaces with clear coat, or repaint painted surfaces when they appear dull or rough. Be sure to check expiration dates on containers.

* 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.

Please Note: Due to ongoing product development, Therma-Tru Corp reserves the right to make changes in design, materials and specifications without notice.

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 bottom of the overhang, in this same example the dimension is 10' so the overhang should be 10'.



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Photovoltaic roof panels, New London, CT branch



Our Commitment

At Harvey Building Products, we take our responsibilities seriously. We are committed to our employees, our customers, the homeowners who enjoy our products as well as our business partners. And, we are committed to environmental responsibility and natural resource preservation.

We believe our products and practices, from raw materials, to trucking, to superior energy efficiency in the home, make us the Northeast's premiere green building products manufacturer and distributor.

Our focus on environmental responsibility is most evident in our products. We are a company founded on providing products that help homeowners minimize their environmental footprint while reducing energy usage.

But what gives our program depth and sets us apart are all the things going on behind the scenes, with everything we do before our products ever get to the jobsite. Information about Harvey Building Products can be found at harveybp.com. For detailed information on our energy-saving processes, visit the "About Harvey" section of our website.



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