Thermatite T150-MR

- Environmentally friendly, CFC-free and HCFC-free polyurethane Neufoam technology ensures that Thermatite is one of the most energy efficient door systems in the world.

- Thermatite is a very rigid, energy saving and long-lasting door system with a high strength-to-weight ratio. It qualifies for a range of applications.

- Produced on a continuous polyurethane production line, utilizing the latest in rigid foam technology.

- The Thermatite product line is stocked in over one hundred engineering and manufacturing centers throughout the world, facilitating immediate delivery for new installations, retrofit and individual door section replacements of any size.

- A well-established network of installing and servicing dealer distributors.
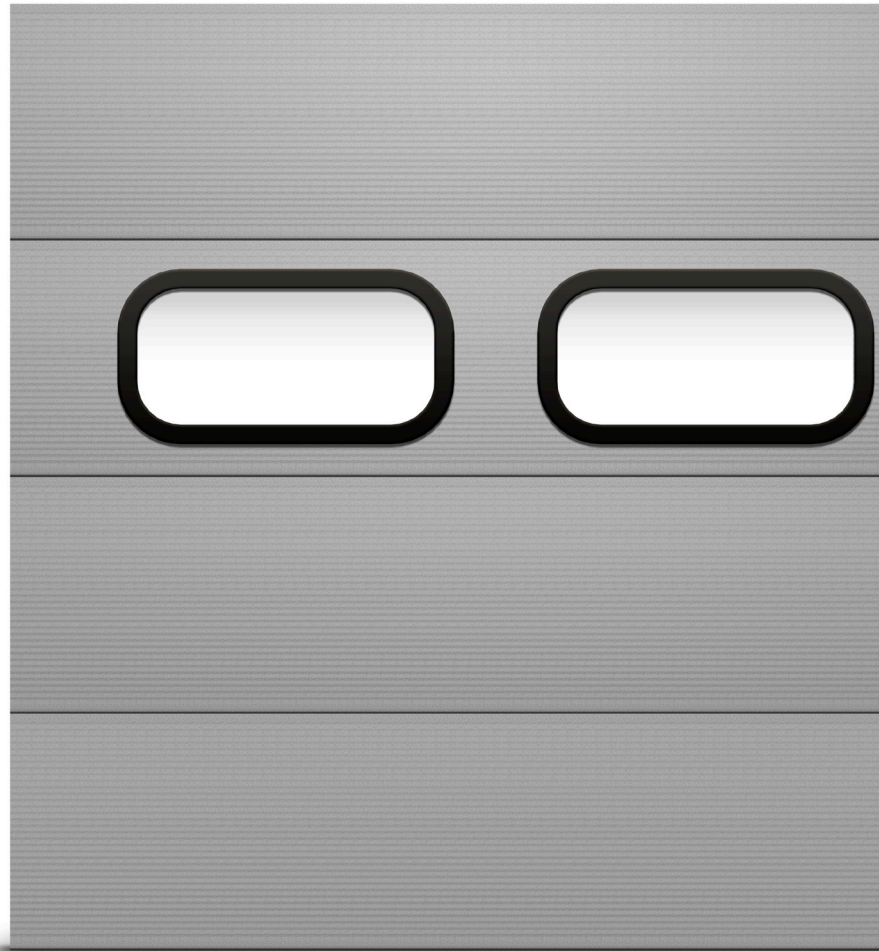
Comparative Chart for this and Relative Products

Door Characteristics

	Commercial & Multi-Tenanted	Fireball	Ambulance	Industrial Warehousing & Manufacturing	Transit Facilities	Truck Terminals	Mining	Pulp & Paper	Underground Parking	High	Security	Refrigeration	Insulated	"R" Value*	White	Brown	Silver	Flush	Multi Rib	Max Width	Max. Ft²
T175MR	●	●	●	●	●	●							●	16.4	●	○	●		●	36'-2"	576
T175-20			●	●	●	●			●				●	16.4	●			●		36'-2"	336
T150MR	●	●	●	●									●	14.2	●	○	●		●	29'-4"	288
ADV200MR	●	●	●	●	●	●	●	●	●	●			●	18.5	●				●	30'-2"	576

Standard Finishes | Pattern | Recomm.

LEGEND
- ⬭ Suitable
- ● Standard
- ○ Optional

* "R" value and "U" values are based on testing to the ASTM C518 standard.
RICHARDS-WILCOX can custom engineer doors to sizes greater than the above chart. Please contact your neare st RICHARDS-WILCOX DISTRIBUTOR or the customer service department at (905) 625-0037 for product recommendations.
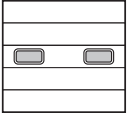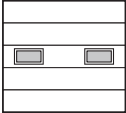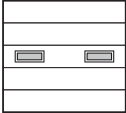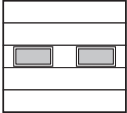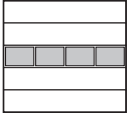
T150-MR Sectional Insulated Steel Door Specifications

Utilizing the latest in polyurethane technology, Thermatite doors attain the highest 'R' value per inch of all competitive insulations, as well as providing superior adhesion and structural integrity.
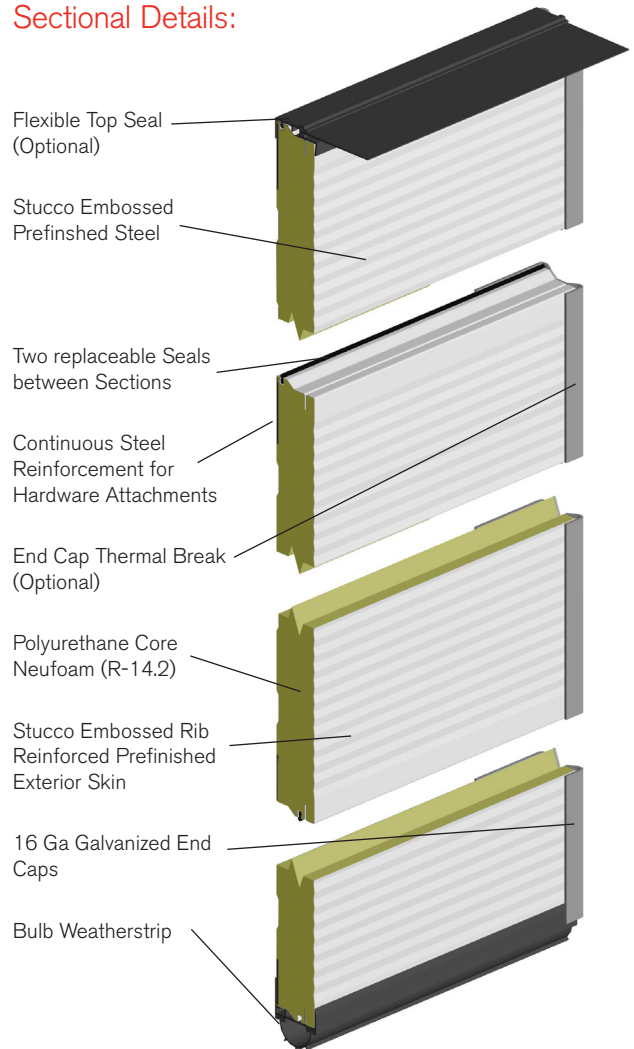
Schedules

Door Height	Sections High
7'1" thru 8'1"	4
8'2" thru 10'1"	5
10'2" thru 12'1"	6
12'2" thru 14'1"	7
14'2" thru 16'1"	8
16'2" thru 18'1"	9

Door Opening Width	# of Windows
8' - 9'	2
9'1" - 12'2"	3
12'3" - 16'2"	4

Window and Glaze Options

Type AA
610 x 305mm (24" x 12") dual acrylic thermal set in moulded gasket.

Type E
610 x 305mm (24" x 12") clear float glass sealed unit set in moulded frame.

Type B or CPL
B-610 x 152mm (24" x 6") CPL-610 x 203mm (24" x 8") clear float glass sealed unit set in moulded frame.

Type D
Custom size 864 x 407mm (34" x 16") sealed glass unit set in moulded frame.

Full Vision
Full vision glazing section with 3mm (1/8") single glass or 13mm (1/2") thermal glass. Finish: white or mill.

Sectional Details:

- Flexible Top Seal (Optional)
- Stucco Embossed Prefinshed Steel
- Two replaceable Seals between Sections
- Continuous Steel Reinforcement for Hardware Attachments
- End Cap Thermal Break (Optional)
- Polyurethane Core Neufoam (R-14.2)
- Stucco Embossed Rib Reinforced Prefinished Exterior Skin
- 16 Ga Galvanized End Caps
- Bulb Weatherstrip

Sections:

- Insulated sections fabricated from pre-painted, hot dip galvanized steel sheets, steel-polyurethane-steel sandwich, formed in place on continuous process with CFC and HCFC-free rigid polyurethane insulation.
- Section features thermal breaks and incorporates factory installed continous dual seals, face sheet features non-repeating random stucco texture, Multi-Ribbed profile and ship lap joints.
- Thermatite sections are manufactured using the latest Neufoam technology that is environmentally friendly and zero-ozone depleting.
- The foaming process renders cavity-free panels with higher thermal resistance "R" value as well as providing superior foam steel adhesion and exceptional structural integrity.
- Face sheet thickness: 0.41mm (0.016")
- Section thickness: 38mm (1 1/2")
- Thermal values of sections: RSI=2.51 (R=14.25); USI=0.40 (U=0.07) k=0.0151 (0.105)

Reinforcement

- Continuous internal reinforcement for hardware mounting.

End Caps

- 1.6mm (16ga) galvanized steel.

Weatherstripping

- Neoprene bulb weatherstrip with continuous retainer full width of bottom of door.
- Dual replaceable seals between sections.

Hardware

- Refer to hardware article.

Design

- Door designed to meet or exceed DASMA 102 standard.

Finish

- Two-coats of baked-on paint system, primer and polyester in Brown, Silver or White finish.

Accessories (Optional):

- Combination PVC step plate and lift handle.
- Exhaust port 75mm (3"), 100mm (4") diameter.
- Neoprene top weatherstrip for full width of door.

Pass Doors:

- 813 x 2032 mm (32" x 80").
- Four section pass doors up to 4318 mm (14' - 2") wide.

Distributed By:

R-W
SINCE 1912

Specs subject to change without notice.