



Richardson-Wilcox

Sectional Overhead Doors

Thermatite T175-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

	Commercial & Multi-Family	Firehall & Ambulance	Warehousing, Agricultural & Manufacturing	Transfer Facilities & Truck Terminals	Mining Pulp & Paper	Underground Parking	High Security	Refrigeration	Door Characteristics									
									Insulated	R ¹ Value*	Standard Finishes			Pattern		Recomm.		
											White	Brown	Silver	Flush	Ribbed	Multi Rib	Max Width	Max Ft. ²
Rolltite	●		●	●					N/A	●				●		16'-0"	288	
T35-MR	●	●	●	●	●	●	●	●	12.2	●		●			●	20'-2"	288	
T150-MR	●	●	●	●					14.2	●	●	●	●		●	29'-4"	288	
T175-MR	●	●	●	●	●	●	●	●	16.4	●	●	●		●	●	36'-2"	576	
T175-20			●	●	●	●	●	●	16.4	●			●			36'-2"	336	
ADV200-MR	●	●	●	●	●	●	●	●	18.5	●	●	●			●	30'-2"	576	

Legend
 ● Suitable
 ● Standard
 ● Optional

*"R" value and "U" values are based on testing to the ASTM C518 standard. Richardson-Wilcox can custom engineer doors to sizes greater than the above chart. Please contact your nearest RW distributor or the customer service department at (905) 625-0037 for product recommendations.

T175-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.

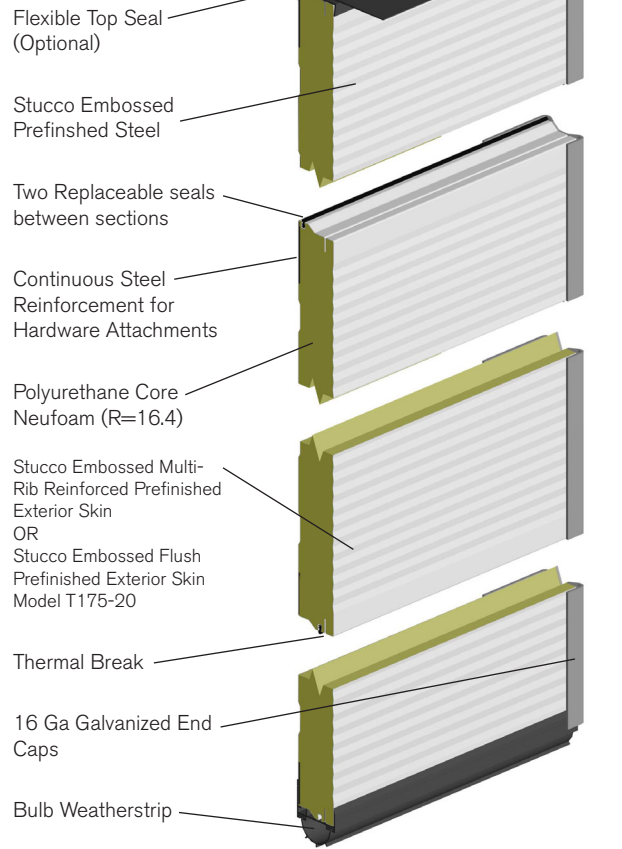
Schedules

Door Height	Sections High	Door Opening Width	# of Windows
7'1" thru 8'1"	4	8' - 9'	2
8'2" thru 10'1"	5	9'1" - 12'2"	3
10'2" thru 12'1"	6	12'3" - 16'2"	4
12'2" thru 14'1"	7	16'3" - 19'2"	5
14'2" thru 16'1"	8	19'3" - 24'2"	6
16'2" thru 18'1"	9	24'3" - 25'2"	7

Window and Glaze Options

Type AA	Type E	Type B or CPL	Type D	Full Vision
660 x 330mm (26" x 13") sealed acrylic unit set in molded frame.	610 x 330mm (24" x 12") sealed glass unit set in molded frame.	B-610 x 152mm (24" x 6") or CPL-610 x 203mm (24" x 8") sealed glass unit set in molded frame.	Custom size 864 x 407mm (34" x 16") sealed glass unit set in molded frame.	Full vision glazing section with 3mm (1/8") x 6mm (1/4") single glass or 13mm (1/2") thermal glass. Finish: white, mill or clear anodized.

Sectional Details:



Sections:

- Insulated sections fabricated from pre-painted, hot dip galvanized steel sheets, steel-polyurethane-steel sandwich, foamed in place on continuous process with CFC and HCFC-free rigid polyurethane insulation.
- Section features thermal breaks and incorporates factory installed continuous 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: 0.48mm (0.019")
- Section thickness: 45mm (1 3/4")
- Thermal values of sections: RSI=2.84 (R=16.4); USI=0.34 (U=0.06) k=0.0154 (0.107)

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.
- Aluminum end stiles with full height jamb seal.
- Pass Doors: 813mm x 2032 (32" x 80"). Four Section Pass Doors: up to 4928mm (16'-2") wide.

Pass Doors:

- 813 x 2032 mm (32" x 80").
- Four section pass doors up to 4928mm (16'-2") wide.

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