



Richards-Wilcox Canada

THERMATITE T175-20

"With Thermatite, Richards-Wilcox has become a proven leader in the North American energy efficient industrial and commercial sectional overhead door industry."

The Thermatite product line is stocked in over one hundred door system manufacturing centres globally.

Very rigid, energy saving and long-lasting door system.

High strength to weight ratio.

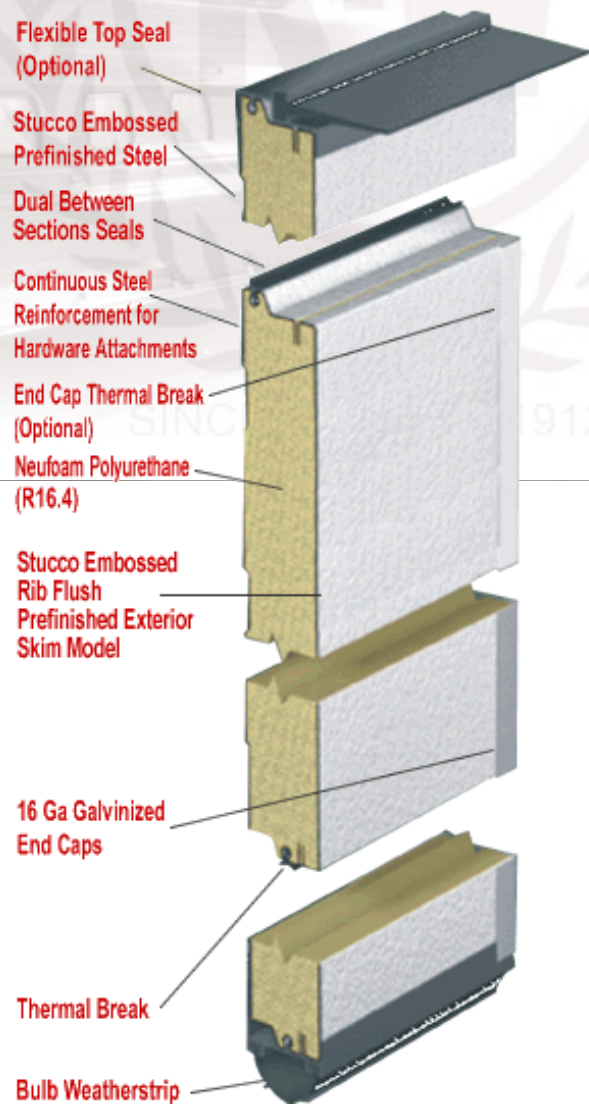
Qualifies for a range of applications.

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

Door system manufacturing centres support door system engineering and manufacturing.

Door system manufacturing centres provide immediate delivery for new installations, retrofit and individual door section replacements of any size.

A well established network of installing and servicing dealer distributors.



Sections:

Insulated sections fabricated from prepainted, hot dip galvanized, steel sheet; with rigid polyurethane insulation core, CFC-1 1 free, face sheet stucco embossed and rib reinforced.

Sections thermally broken, steel-polyurethane-steel sandwich formed by continuous process.

Sections formed with ship lap joint. 16mm (16ga) galvanized steel endcaps.

Face sheet thickness: GA = 20 GA

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.

Weatherstripping:

Neoprene bulb weatherstrip with continuous retainer full width of bottom of door.

Two dual-finned seals between sections.

Finish:

Two coat, baked-on paint system on exterior side, primer and polyester finish coat (White).

Hardware:

[Refer to hardware page. Click HERE to view clearance charts and hardware specifications.](#)

Design:

Door design to meet industry-standard windload.

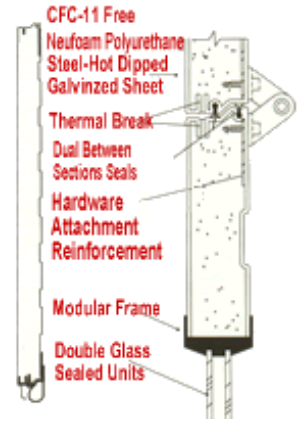
Utilizing the latest in polyurethane technology, we've attained the highest 'R' value per inch of all competitive insulations, as well as providing superior adhesion and structural integrity.

Schedules

Door Height	Section High
7'1" to 8'1"	4
8'2" to 1 0'1"	5
10'2" to 1 2'1"	6
12'2" to 1 4'1"	7
14'2" to 1 6'1"	8
16'2" to 1 8'1"	9

Door Opening Width	Number of Windows
8' to 9'	2
9'1" to 12'2"	3
12'3" to 16'2"	4
16'3" to 19'2"	5
19'3" to 24'2"	6
24'3" to 25'2"	7

Sectional Details:



OPTIONS FOR THERMATITE

Glazing:

Full vision glazing section with 12.7mm (1/2") thick insulating glass or 3mm (1/8") clear float glass, finish white aluminium.

A-305 X 610mm (12" X 24") dual acrylic thermal set in molded gasket.

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

D-864 x 407mm (34" x 16") sealed glass unit set in molded frame.

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

OTHER OPTIONS

Combination PVC step plate and lift handle

Exhaust port 75mm (3"), 100mm (4") diameter

Neoprene top weatherstrip for full width of door.

Full height thermal break and anti-friction strip for galvanized endcaps.

Aluminium end stiles with full height jamb seal.

Pass doors: 813mm x 2032mm (32" x 80") Four section pass door available in doors up to 4623mm (16'2") wide.

Full Vision	Type D	Type E	Type B & CPL
Full Vision glazing section with 12.7 (1/2") thick insulating glass, finish white aluminium	Custom size 864 x 407mm (34" x 16") sealed glass unit set in moulded frame.	610 x 305mm (24" x 12") clear float glass sealed unit set in moulded frame.	B-610 x 152 mm (24" x 6") CPL - 610 x 203mm (24" x 8") clear float glass sealed unit set moulded frame.