



**Richards-Wilcox™**  
Garage Doors

# POLYTITE



## **P175 & P175T OVERHEAD SECTIONAL POLYCARBONATE DOOR**

- Panels made with 5/8" (16mm) thick, triple-walled polycarbonate sheet are lightweight, providing easy operation with minimum stress on hardware components.
- Translucent polycarbonate panels provide a naturally-lit, inviting work environment and help reduce winter heating costs through the effects of solar heat gain.
- Polytite doors are extremely impact-resistant and can withstand long-term exposure to extreme elements such as sun, wind, rain and snow without cracking or splitting.
- Particularly suited for service garages but ideal for all types of industrial, agricultural, commercial, institutional and residential overhead door installations where an attractive, light-transmitting, strong, lightweight door is desired.
- P175T comes standard with insulated Thermanite panel section fabricated from pre-painted, hot dipped galvanized steel sheets with rigid polyurethane insulation core, face sheet stucco embossed and rib reinforced.

# PRODUCT SPECIFICATIONS

# SECTION DETAILS

## SECTION THICKNESS

P175 / P175T 1 3/4" (45mm)

## POLYCARBONATE PANELING

The external side of the Polycarbonate is protected with a coextruded layer warranting resistance to atmospheric agents and U.V. rays.

**Thickness:** 5/8" (16mm)  
**Structure:** Triple-walled  
**Weight:** 0.553lbs/sq ft (2.69 kg/sq m)  
**R-Factor:** 2.500 ft<sup>2</sup> hF/Btu  
**U-Factor:** 2.271 W/m<sup>2</sup>K

**Fire Reaction:** ASTM E84-01 Flame spread and smoke Developed: Class A.

**Solar Heat Gain Coefficient:** Clear: 75%  
**Light Transmission:** Clear: 74%

## STILES AND RAILS

Fabricated from 6063-T6 aluminum alloy extrusions, extrusion thickness 0.063" (1.6mm) thick, and 0.090" (2.18mm) thick at hardware mounting locations.

**End Stiles:** 2 1/2" (64mm) wide aluminum;  
 Double end stiles for doors 16'-3" (4953 mm) wide & over.

**Centre Stiles:** 3" (76mm) wide aluminum  
**Pair of Meeting Rails:** 4 1/2" (114mm) high aluminum  
**Top Rail:** 2 3/16" (56mm) high aluminum  
**Bottom Rail:** 2 9/16" (65mm) high aluminum

## REINFORCEMENT AS REQUIRED BY WINDLOAD

Where required, Full width integral horizontal, reinforcement truss at meeting rails as required. Galvanized steel truss as required.

## THERMATITE BOTTOM SECTION (optional top section)

Insulated sections fabricated from pre-painted, hot dipped galvanized, steel sheet; with rigid polyurethane insulation core, CFC and HCFC free, face sheet stucco embossed and rib reinforced.

For structural integrity, all doors 20'-0" and wider, the Thermatite bottom section is standard.

Doors less than 20'-0" wide the Thermatite bottom section is optional.

P175T R 16 ft<sup>2</sup> hF/Btu (calculated)

**MAXIMUM OPENING WIDTH\*** 24'-2" (7366)\*

**MAXIMUM OPENING HEIGHT\*** 18' (5512 mm)\*

## COLOURS

**Standard Lens Colours**  
(Orange Peel is available in Clear and Bronze)

Clear	Dark Bronze	Western Bronze	White Opal
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**Optional Lens Colours**  
(Available upon request)

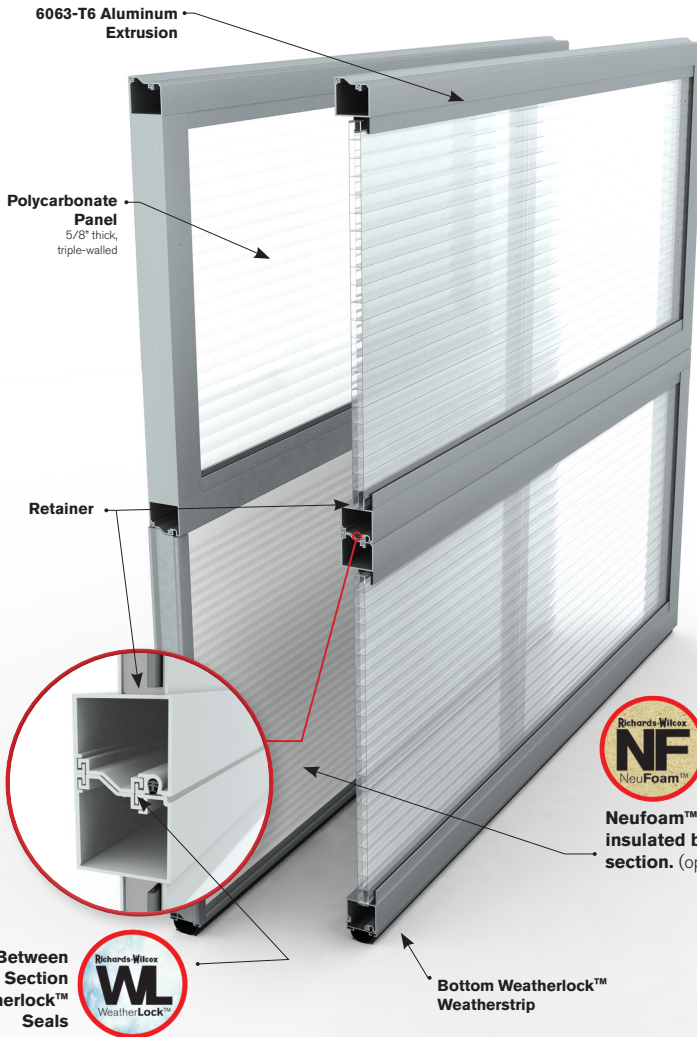
Green	Blue
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**Stock Stiles and Rail Colours:**

Clear Anodized	White	Black**	Bronze**
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**ArmorBrite™** A variety of stile and rail colours are available with ArmorBrite™ Powder Coat Systems. See factory and/or dealer for details.

\*For larger sizes, please consult factory. \*\*Upcharge for colour applies to these options.



# SECTION & STILE SCHEDULE

DOOR OPENING HEIGHT	Sections High	DOOR WIDTH	# of Stiles
7'-1" to 8'-1" (2159mm to 2464mm)	4	Up to 9'-2" (2794mm)	1
8'-2" to 10'-1" (2489mm to 3073mm)	5	9'-3" to 12'-2" (2819mm to 3708mm)	2
10'-2" to 12'-1" (3099mm to 3683mm)	6	12'-3" to 16'-2" (3734mm to 4928mm)	3
12'-2" to 14'-1" (3708mm to 4293mm)	7	16'-3" to 19'-2" (4953mm to 5842mm)	4
14'-2" to 16'-1" (4318mm to 4902mm)	8	19'-3" to 24'-2" (5867mm to 7366mm)	5
16'-2" to 18'-1" (4928mm to 5512mm)	9		

## WARRANTY

**Polytite Panels: 10 years against breakage, excessive yellowing and loss of light transmission**

**Materials and workmanship: 1 year**



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**1-800-667-1572**  
**www.rwdoors.com**



**MADE IN CANADA**