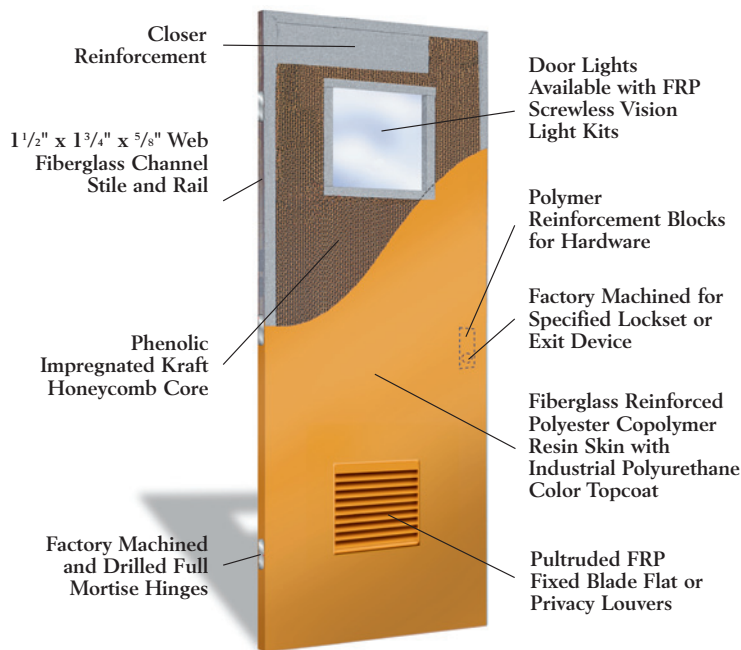


Commercial Duty Series



The Commercial Duty Series doors are created with a 1-1/2" x 1-3/4" x 5/8" web pultruded FRP "C" channel stile and rail framework. The interior structure of each door is filled completely with phenolic impregnated honeycomb. All hardware locations are further reinforced with non-hygroscopic polymer blocking and/or polymer structural shapes.

The outer skin of the Commercial Duty Series is manufactured from random chopped fiberglass roving and a modified polyester copolymer resin. Each skin is bonded to the honeycomb core using a proprietary formulation of high-strength adhesive and an exclusive F.L.O.A.T. method of assembly. Each door is factory finished with a specially formulated multi-component polyurethane industrial chemical coating for the color topcoat.

The Tiger Door Commercial Duty Series comes with a limited lifetime warranty and provides excellent service life, and corrosion resistance for moderate to severe environments.

TIGER DOOR COMMERCIAL DUTY SERIES	
Product Features	Product Specifications
Door Structure Type	Perimeter Stile and Rail
Midrail	None
Door Structure Material Type	Pultruded Fiberglass Channel 1 1/2" tall X 1 3/4" wide X 5/8" thick Web
Stile/Rail Glass Content (Glass to Resin Ratio)	50% (1:1)
#12 Sheet Metal Hinge Screw Pullout Resistance	900 lbs. ¹
Lockset Reinforcement	Perforated Polymer Blocking and/or Minimum 20 lb/ft ³ Density Polymer Blocking
Closer Blocking	Minimum 20 lb/ft ³ Density Polymer Blocking and/or Perforated Polymer Blocking
Hinge Mortise Machined By Manufacturer	Standard
Standard Core Material	3/8" Triangular Cell Phenolic Impregnated Kraft Honeycomb
International Building Code Chapter 26 Compliant Core Material	Yes
Door Skin Fiberglass Reinforcement	Random Chopped Fiberglass Roving
Assembly Process	Adhesive Bonded
Size Limitations (Seamless)	Single 4' X 8' Double 8' X 8' ²
Window / Louver Cutout Reinforcement	Pultruded C Channel
Standard Window Profile Material	Pultruded Fiberglass Standard, Metal Kits are Optional
Standard Window Profile	45 Degree Sloped Stops ³
Standard Window Profile Attachment	Hidden Fasteners ⁴
Louver Profile Material	Pultruded Fiberglass Standard, Metal Kits are Optional
Fiberglass Louver Profiles	V and Flat Blade
Lock Pocket Machined By Manufacturer	Standard ⁵
Color Coat Finish	Industrial Polyurethane Coating, Optional Primer
Surface Sheen	Semi-Gloss
Color Availability	3 Standard (White, Tan, or Gray), 24 Pre-Matched Colors, Custom Color Match Available ⁶
Warranty	Commercial Duty doors shall be guaranteed for the life of the product against failure due to corrosion from the specific chemical environment named at the time of purchase. Furthermore, all products are inspected prior to shipment and guaranteed against defective workmanship for a period of ten (10) calendar years after the date of purchase. ⁷

1. Tiger Door recommends that the screws provided and installed at the factory be used for hinge attachment. 2. Larger seamed panels are available. 3. Optional configurations including square stop, angle stop, molded square stop, single flush and double flush glass are available. 4. Hidden fasteners are available for 1/4" glazing, fasteners will be required for other glazing thicknesses. 5. Please refer to the Tiger Door Standard Hardware Policy for machining limitations. 6. Please refer to the Tiger Door Color Selection Guide for color selection. 7. For complete Warranty information, conditions, exceptions and remediations, please refer to Tiger Door Statement of Warranty.



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