



## CHEM-PRUF P-SERIES FRP DOOR SYSTEM

PULTRUSION STILE AND RAIL CONSTRUCTION - CORROSION RESISTANT DOOR

Chem-Pruf P-Series fiberglass door systems are engineered and manufactured to withstand the most corrosive environments with a stile and rail construction. The Chem-Pruf P-Series door is constructed with a phenolic-impregnated kraft honeycomb core surrounded by a pultruded FRP tubular structural stile, rail, and midrail sub-frame. Hardware reinforcement provides the ultimate strength for screw retention and compression resistance. The door panels are completed with a strong chemical bond that fully integrates all components using a press-mold technology and are factory finished with a semi-gloss urethane topcoat. The Chem-Pruf P-Series doors are shipped fully prepped for hardware and come with a lifetime warranty!



THE CHEM-PRUF P-SERIES IS YOUR  
NUMBER ONE GO-TO FOR STILE AND RAIL  
CONSTRUCTED FIBERGLASS DOOR SYSTEMS

**GELCOAT**

The skins for the door begin with the application of an “in-mold” 25-30 mil gel coat. A connective tissue is formed with a chopped strand glass fiber mat, followed by a muscular bi-axial glass fiber structural reinforcement layer that further strengthens the door skins.

The composite skins are simultaneously fused onto both faces and all edge of the door under pressure until cured - not only to the FRP sub-frame but to the entire honeycomb core - forming a bond that fully integrates all the components. This is a highly advanced method of assembly using press-mold technology. Each door is factory finished with a specially formulated multi-component polyurethane industrial chemical coating for the semi-gloss color topcoat.

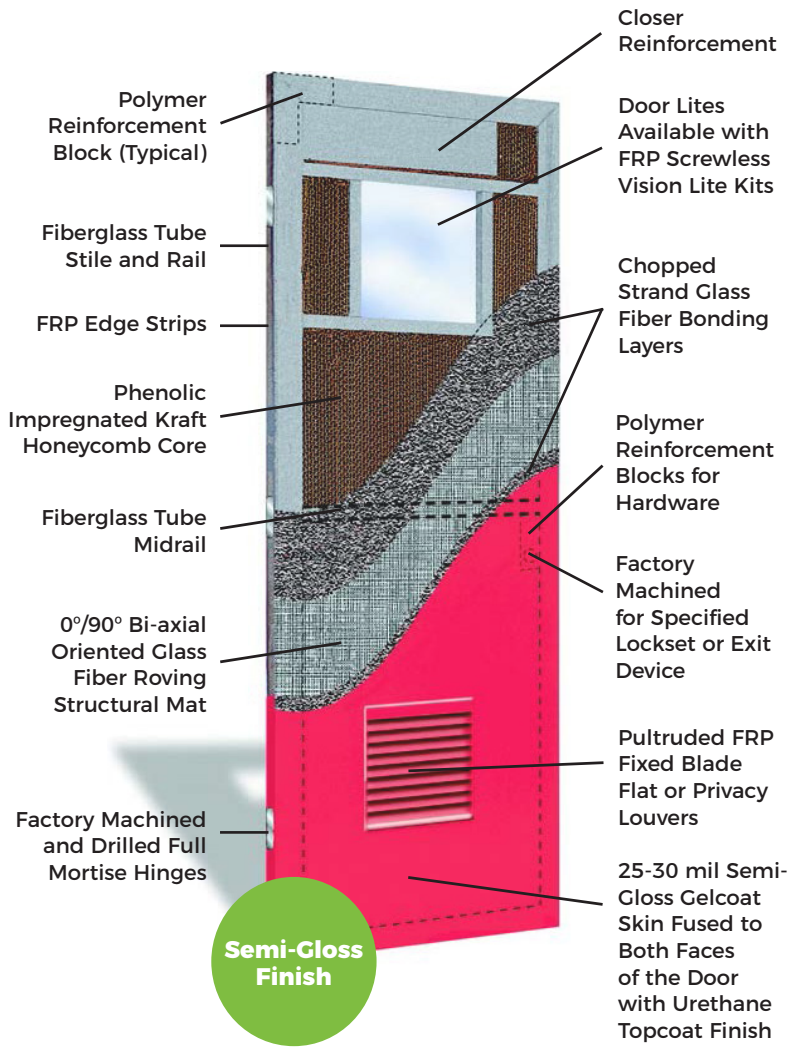
**STILE AND RAIL CONSTRUCTION**

The stile and rail construction starts with a core consisting of a 3/8” triangular cell phenolic-impregnated kraft honeycomb surrounded by a rigid high-modulus, pultruded FRP tubular structural stile, rail and midrail sub-frame.

At each of the sealed corner joints and hardware locations of the sub-frame, non-hygroscopic polymer blocking is inserted as reinforcement, providing the ultimate in strength for screw retention and compression resistance.

**WARRANTY**

Each Chem-Pruf P-Series fiberglass door system comes standard with a limited lifetime warranty and provides excellent service life and corrosion resistance for the most severe environments.



**Specifications**

Door: Construction:	<b>25-30 mil gelcoat with semigloss urethane topcoat finish, 3/8” triangular cell phenolic-impregnated kraft honeycomb core, rigid high-modulus pultruded FRP tubular structural stile, rail and midrail sub-frame, non-hygroscopic polymer blocking hardware reinforcements</b>
Options:	<b>Pultruded Frames with jamb depths from 4” to 13-1/2” (butt or wrap applications), Various Lite Kit and Louver Options, Foam Core, Polypropylene Honeycomb Core, 20 Minute Fire Rating</b>



CHEM-PRUF

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