



CHEM-PRUF FIBERGLASS DOOR SYSTEMS

CORROSION RESISTANT / SEVERE ENVIRONMENTS

Chem-Pruf fiberglass doors are engineered and manufactured to withstand the most corrosive environments. They are completely seamless, eliminating cracks, seams and gaps where bacteria can hide. The beautiful, glossy gelcoat finish, one-piece construction and molded-in accessories makes it the ideal choice where doors are subject to severe corrosive environments, wash down or coastal applications. Plus, Chem-Pruf's fiberglass doors comply with NIH Standards, are FDA compliant and, when required, are available with up to a 90 minute fire label, storm, blast or STC ratings. Every Chem-Pruf product is custom manufactured to meet the customer's unique specifications from exact dimensions to special options to specially-formulated resin chemistry.

CHEM-PRUF'S PROPRIETARY BONDING RESIN SYSTEM FUSES THE PLATES TO THE COLLAR AND CORE, CREATING A HOMOGENEOUS ENGINEERED STRUCTURE THAT ENSURES THE STRONGEST INTERFACE POSSIBLE.

GELCOAT

The surface of an FRP door is the most visible and in many ways the most important element in the defense against corrosion. That's why Chem-Pruf uses 25 mils of resin-rich gelcoat. Gelcoat provides an impenetrable barrier against corrosive chemical and environmental attack.

STILE AND RAIL

The plates and core bond to a one-piece cast in-place stile and rail system, forming a continuous seamless solid edge with no mitered corners, so no dirt, bacteria or moisture can penetrate the door. Chem-Pruf's fiberglass door can stand up to daily washdowns and rigorous cleaning with harsh chemicals including: Clidox, Spor-Klenz, Quatricide and Chlorate.

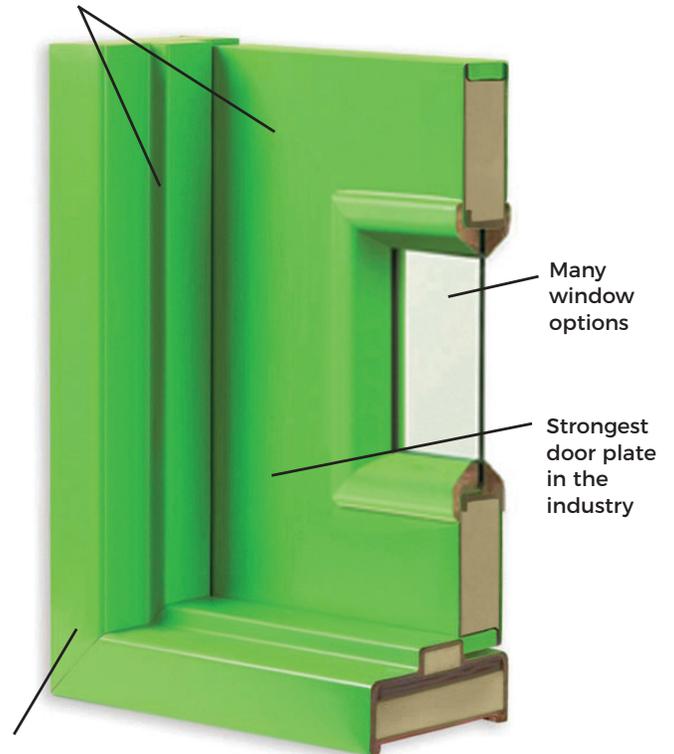
PLATES

The door's surface, also known as door plates, are hand laid and integrally molded in one continuous piece using high quality gelcoats and resins tailored to the specific environment. The door plates measure 0.125 inches thick, weigh 1.0 lb/ft² and are by far the strongest in the industry. For maximum corrosion resistance, Chem-Pruf maintains a glass content between 25% and 35% yielding a glass-to-resin ratio of about 1:3. Not only are the plates impervious to corrosive attack, they provide outstanding protection against impact caused by high wind debris.

CORES

The interior cavity of the fiberglass door is completely filled with a corrosion-resistant material. The standard core material is polypropylene honeycomb with a non-woven polyester veil, which is extremely durable and has superior compression strength. Optional cores include polyisocyanurate foam and gypsum mineral core for fire rated doors and frames.

25 mil gelcoat surface molded into both door & frame (equal to 50-60 coats of paint).



Solid resin transfer molded door frame

Specifications	
Door: Construction:	25 mils of resin-rich gelcoat surface, .125" thick integrally molded plates, one-piece cast in-place stile and rail system, polypropylene honeycomb core.
Options:	Polyurethane Foam or Mineral Cores, Various Window Options, Fiber Reinforced Accessories and High Quality Stainless Steel Hardware

