



CHEM-PRUF® FIBERGLASS DOORS

From world renowned Zoos and Safaris to local Petting Zoos, Chem-Pruf fiberglass doors maintain a level of decorum that is second to none. Doors in many of these applications are exposed to moisture, corrosive chemicals, animal waste and harsh weather. Chem-Pruf door systems are designed for these applications and will perform flawlessly while remaining beautiful year after year. Chem-Pruf fiberglass doors are naturally friendly to the environment; longevity, cleanliness, strength and stability make it a sound choice for a “green tomorrow” and beyond. 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 or STC rating.

CHEM-PRUF EXCLUSIVE MANUFACTURING PROCESS

Chem-Pruf corrosion resistant doors and frames are not assembled using component parts and pultrusions obtained from various sources. They are manufactured completely by hand utilizing only the highest quality raw materials. Not only is this unrivaled method of manufacture far superior, it allows the flexibility to customize the door systems to meet the application’s unique requirements. Chem-Pruf fiberglass doors are chemically welded assemblies with a permanent gelcoat finish, so they provide a high degree of quality, consistency and reliability.



FIBERGLASS DOORS FOR ZOOS



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PREMIUM MATERIALS & ASSEMBLY

The surface of an FRP door system 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. The door's surface, also known as door plates, are hand laid and integrally molded in one continuous piece using high quality 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. The smooth gloss surface is dense and non-porous, so the door will never rust, corrode, or need to be painted. Chem-Pruf's proprietary bonding resin system fuses the plates to the collar and core, resulting in a one-piece, solid door structure, so no dirt, bacteria or moisture can penetrate the door.

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 a gypsum mineral core for fire rated doors and frames.

RTM FIBERGLASS DOOR FRAMES

Precision engineered, these fiberglass frames are the perfect complement to your Chem-Pruf door. You can be assured that all RTM frames will maintain the same chemical and mechanical properties as the door and will be identical in color. Beginning with 25 mils of gelcoat, the frames are manufactured in closed, rigid molds using the resin transfer method to promote uniformity in size and construction. All internal components are non-organic and completely encapsulated, leaving a frame miter that is free of cavities, exposed reinforcements and fasteners. Additional reinforcements can be placed in the mold cavity and electric components can be added to easily accommodate all specialty hardware. There are numerous styles and profiles to choose from to satisfy your design needs. Fire rated frames are available, please contact factory.



CHEM-PRUF OPTIONS

Chem-Pruf offers you the complete package: doors, frames, windows, louvers, thresholds, weatherseals, and astragals all with matching color and finish, if desired. Chem-Pruf maintains an inventory of top quality hardware from the country's leading manufacturers. The glazing and specified hardware are factory installed by highly skilled and trained personnel experienced in working with fiberglass. Chem-Pruf's strict quality control procedures ensure that you get the product you deserve while saving time, money and labor by reducing the need for various trades at your job site, such as painters, glazers and hardware installers who may not be familiar with fiberglass.