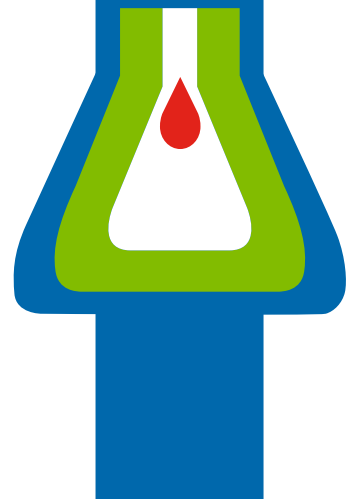


FIBERGLASS DOOR SYSTEMS

**Fiberglass Door Systems for Water & Wastewater Applications Including:**

**Water Treatment Facilities / Water Supply Facilities / Pump Stations  
Waste Recycling / Sewage Treatment Facilities / Lift Stations  
Sludge Dewatering Facilities / Odor Control Facilities  
Chemical & Electrical Buildings / Hydroelectric Plants**



## THE CHEM-PRUF® ADVANTAGE

Typically, hollow metal doors will begin to rust the day after they are manufactured. Hollow metal doors have a welded design, seams are visible with the potential to crack, and they have limitations in high-use, heavy washdown or corrosive environments. The interior of the door will trap moisture, permitting the door to rust from the inside out. Hollow metal doors have many maintenance issues that considerably shorten their lifespan. They must be painted after installation and the paint needs to be maintained. If the door is not painted on a regular basis the door will deteriorate. Constant painting and replacement are detrimental to the environment and over a 25 year period, as many as 10 doors from one opening could end up in a landfill.

A Chem-Pruf fiberglass door system is the only choice when extreme corrosion is a concern. Chem-Pruf fiberglass doors do not break down or corrode the way hollow metal doors do when exposed to water, corrosive materials, raw sewage, or heavy usage. Chem-Pruf fiberglass doors are chemically welded assemblies; they have a monolithic design so there are no seams, gaps or cavities for bacteria, dirt or moisture to enter the interior of the door. Plus, Chem-Pruf's finish is impermeable against corrosive elements commonly found in water and wastewater treatment facilities.



## 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 gelcoat finish is permanent and virtually maintenance free as it will never need to be painted.

The door plates measure 0.125 inches thick, weigh 1.0 lb/ft<sup>2</sup> and are by far the strongest in the industry. Not only are the plates impervious to corrosive attack, they can stand up to daily washdowns with harsh chemicals, and they provide outstanding protection against impact caused by high wind debris. Just the plate alone was tested; it met and surpassed the large missile impact requirements of the Florida Building Code.

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 smooth gloss surface is dense and non-porous, so the door will never rust, corrode, or need to be painted. 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.

## 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 as well, 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. 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.



## CHEM-PRUF HARDWARE

The world's finest, corrosion resistant fiberglass door system would not be complete without high quality stainless steel hardware. Chem-Pruf maintains an inventory of top quality hardware from the world's leading manufacturers including Norton, PBB, Anemostat, Sargent, Trimco, and Hager just to name a few. Our highly skilled and trained personnel can install the hardware of your choice for a turnkey door system that is ready to be hung at the jobsite.





## THE TOTAL OPENING SOLUTION

**Unitized Door Systems** - Stop worrying about getting the frames to the job site in time for the construction of the walls and completely eliminate separate shipments of doors, frames, and hardware. Chem-Pruf's unique frame construction allows us to ship single doors fully assembled in the frame, ready to slip into your opening. It couldn't be easier. The installation of the door and frames can be one of the final steps before closing your structure, avoiding damage to the factory finished product during the construction phase. (Double doors are pre-hung to ensure a proper fit and to ensure that the hardware functions properly. The doors are then broken down for shipping purposes.)



**Simple Installation Process** - Chem-Pruf's pre-assembled fiberglass wall systems are quick and easy to install. Two installers can center the door unit into the wall and bond it in-place in about one-third of the normal installation time. Saving time, money and labor!

### STANDARD COLOR OPTIONS: PRE-MATCHED COLOR OPTIONS:

FDA White	Light Gray	Dark Brown	Camel Tan	Seafoam Green	Forest Green	Smokey Blue	Cancun Blue	Royal Blue	Dark Gray	Medium Bronze
				Light Brown	Dragon Red	Deep Red	Sandstone	Pale Yellow	Safety Yellow	Safety Orange

### CUSTOM COLOR OPTIONS:

By providing Chem-Pruf® with a sample of the desired color, the finish can be matched to your exact color scheme. Be sure to ask about our two-toned doors and frames and integral color designs, such as logos, signs and patterns. Chem-Pruf can match any color and create custom molds. Pricing varies – contact the factory for pricing.

An additional charge is applied for all custom colors. Colors may vary, contact Chem-Pruf for exact color match.



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In our continuing effort to improve our products, some specifications or descriptions may change. We reserve the right to make such changes without notice or recourse. CP-WWB-1214