



FIRE RATED FIBERGLASS DOORS

**Fire Rated Fiberglass Door Systems
for Applications Including:**

**Pharmaceutical & Chemical Manufacturing / Vivariums
Pulp & Paper Facilities / Power Generating Plants / Oil Refineries
Water & Wastewater Treatment Facilities / Parks & Recreation
Coastline Condos & Resorts / Zoos & Aquariums / Hospitals
Research Facilities / Food & Beverage Processing / Military Installations**



CHEM-PRUF® FIRE RATED FIBERGLASS DOORS

Chem-Pruf fire rated fiberglass (FRP) door systems have been tested, approved and labeled for both neutral and positive pressure by Warnock-Hersey (WHI). The fire rated FRP doors are 1-3/4" thick with flush, seamless construction and are manufactured using chemically proven fire retardant resins. The interior cavity of the fire rated FRP door is completely filled with a fire resistant gypsum mineral core which is banded by a matrix of fire resistant mineral and glass fiber material. Every Chem-Pruf product is custom manufactured to the highest manufacturing standards and strictest quality control and are guaranteed for life against failure due to corrosion.

EXCLUSIVE MANUFACTURING

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.

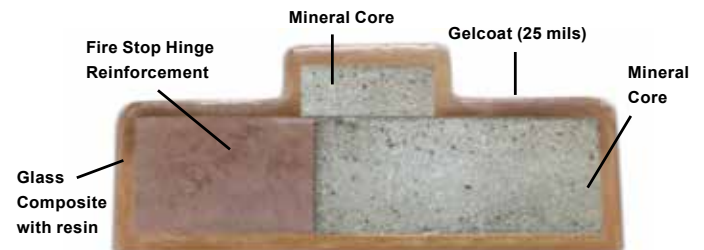
PREMIUM MATERIALS & ASSEMBLY

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.



CHEM-PRUF RTM FRAMES

Unmatched in quality and design, Chem-Pruf's door frames offer many unique and distinct advantages. There are numerous styles and profiles to choose from. You can be assured that all 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.



NEUTRAL PRESSURE FIRE DOORS (UL 10b)

Chem-Pruf Fire Rated Door Systems are tested for neutral/negative pressure and approved for 20 / 45 / 60 and 90 minutes. Chem-Pruf Fire Rated Door Systems (door & frame) are labeled by Warnock-Hersey (WHI).

POSITIVE PRESSURE FIRE DOORS (UL 10c)

Chem-Pruf Fire Rated Door Systems have also been tested and approved for Positive Pressure in accordance with UBC 7-2-1997. Available with 20 / 45 / 60 and 90 minute labels from Warnock-Hersey, Chem-Pruf can provide a fire rated door solution with either Concealed Intumescent (Category A) or Surface Applied Intumescent (Category B).

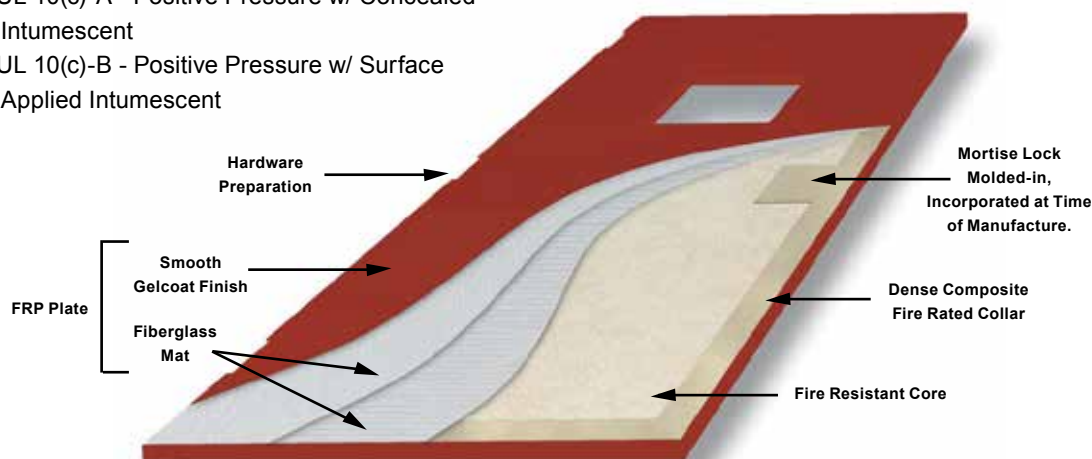


CERTIFICATIONS AVAILABLE:

- High Velocity Zone Wind Pressure - Up to +/- 75 PSF / FBC
- Forced Entry Test - SFBC 3603.2
- Heat Transfer - ASTM C-518
- Surface Burning - ASTM E-84
- ARC Light Exposure - ASTM G 155
- Smoke Density - ASTM D-2843
- Sound Transmission - ASTM E-90-04
- Cycle Performance - TAS-201 / 202 / 203
- Fastener Properties - ASTM D-1761
- Thermal Properties - ASTM C-177
- UL 10(b) - Neutral Pressure
- UL 10(c)-A - Positive Pressure w/ Concealed Intumescent
- UL 10(c)-B - Positive Pressure w/ Surface Applied Intumescent

OPTIONS:

- Electrical raceways in U.L. 10c doors for electrical hardware
- Raised panel
- Full range of colors available
- Wall construction - all types from sheet rock to CMU
- Frame size - 4" and up
- Door and frame temperature rise - 250°F
- UL approved lite kits
- UL approved hardware



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 door 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.



www.chem-pruf.com • (800) 444-6924 • (956) 544-1000

P.O. BOX 4560, BROWNSVILLE, TX 77823 • FAX (956) 544-7943

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-FRB-1214