

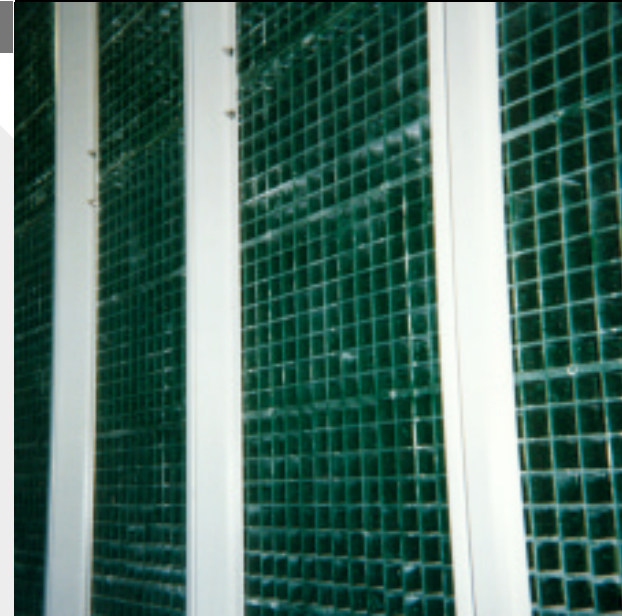
Applications For Fiberglass Reinforced Plastic (FRP) Products

Recreation

Minnesota Zoological Garden Marine Educational Center

Aquarium and Zoological applications are a growing market segment for fiberglass reinforced plastic materials. Fibergrate pursued one such project at the Minnesota Zoological Garden and was rewarded for its efforts when the Marine Educational Center chose Fibergrate's Chemgrate® CP-84 resin grating for its renovation. 1-1/2" deep, 1-1/2" square mesh grating was used for a filtering system in the shark and fish tank. Grating pedestals 18" high support the grating which was covered by a special cloth filament and 12 inches of sand.

Another special application was the scuba diving equipment room which had two walls covered by 1-1/2" square mesh grating and a door constructed of the same mesh grating. Shelves were constructed of 1" deep, 1" x 4" rectangular mesh smooth top grating to hold scuba equipment and other gear. Fibergrate's FRP materials were used for the room to allow for drainage of the equipment as well as eliminate corrosion problems which would have resulted from the saltwater if metal or wood had been used.



PROJECT DETAILS

Project:

- Minnesota Zoological Garden Marine Educational Center Apple Valley, Minnesota

Application:

- Filtering System for Shark and Fish Tank
- Walls and Shelves

Product:

- Chemgrate® 1-1/2" deep, 1-1/2" Square Mesh and 1" Deep, 1" x 4" Rectangular Mesh Smooth Top Molded Grating

Resin System:

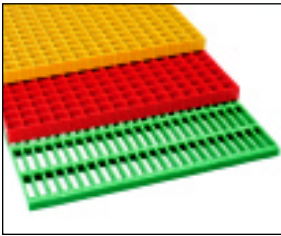
- CP-84

Fibergrate

Composite Structures

High Performance Composite Solutions

Fibergrate® Products and Services

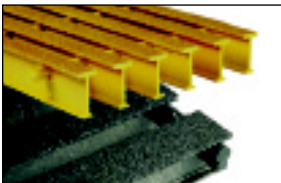


Fibergrate® Molded Grating

Fibergrate molded gratings are designed to provide the ultimate in reliable performance, even in the most demanding conditions. Fibergrate offers the widest selection in the market with ten resins including Chemgrate CP-84 and seventeen grating configurations available in many panel sizes and surfaces.

RIGIDEX® Moltruded® Grating

RIGIDEX Moltruded gratings are the first fiberglass gratings to combine the corrosion resistance of molded grating with the longer span capacity of pultruded grating, all at the low cost of metal gratings.

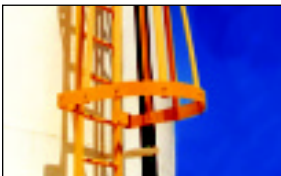


Safe-T-Span® Pultruded Industrial and Pedestrian Gratings

Combining corrosion resistance, long-life and maintenance-free designs, Safe-T-Span provides unidirectional strength for industrial and pedestrian pultruded grating applications.

Dynarail® Handrail

Easily assembled from durable prefabricated components or engineered to your specifications, Dynarail handrail meets or exceeds OSHA and strict building code requirements for safety and design.

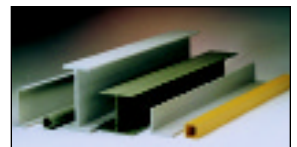


Dynarail® Safety Ladder System

Easily assembled on site, Dynarail safety ladder systems meet or exceed OSHA requirements. Though less costly than prefabricated ladder systems, these safety ladders provide a custom fit to the supporting structure.

Dynaform® Structural Shapes

Fibergrate offers a wide range of pultruded structural components for industrial use, including bars, rods, tubes, beams, channels, leg angles and plates.



Stair Solutions

Fibergrate offers a wide range of slip-resistant products to meet your stair safety needs. These durable products which include treads, tread covers and covered stair treads are a long-term, cost-efficient solution for your facility.

Fabrication Services

Combining engineering expertise with an understanding of fiberglass applications, Fibergrate provides turnkey design and fabrication of fiberglass structures, including platforms, catwalks, stairways and test racks.

