

Fibergrate

Fibergrate Composite Structures



Fibergrate Composite Structures, Inc. is a global manufacturer of fiberglass reinforced plastic (FRP) products for industrial and recreational use. Fibergrate sets the standard for high performance composite products with such proven brands as Fibergrate® and Chemgrate® molded grating, Safe-T-Span® pultruded grating, Rigidex® Moltruded® grating and Dynaform® structural shapes.

Fibergrate manufactures a wide range of FRP products — grating, floor plate, structural shapes, handrail and ladders. This product line is complemented by a worldwide network of distributors and supported by the company's engineering and customer service groups.

Fibergrate has led a revolution in structural products, away from maintenance intensive metals, to the use of advanced composites. The pioneer in FRP components, Fibergrate structural materials provide solutions to many of the limitations associated with metal products, offering high strength-to-weight ratios, easy installation, significant safety and ergonomic characteristics and long, maintenance free life.

An International Company

Fibergrate is a part of the StonCor Group, a combination of four world class companies committed to providing excellence in corrosion control. The StonCor Group also includes Stonhard — a provider of polymer flooring systems; Plasite — a manufacturer of high performance lining systems; and Carboline — a leading supplier of corrosion resistant coatings, architectural finishes and fireproofing systems. The StonCor Group has more than 500 project engineers worldwide ready to solve your toughest corrosion problems.

With successful participation in large projects in South America, Africa, Europe and the Middle East, Fibergrate has products installed in more than thirty countries on six continents. Fibergrate's international capabilities include a dedicated manufacturing operation in Europe and sales offices worldwide. The company is represented in almost all industrialized or developing markets, complementing its strong domestic sales and distribution chain.



Engineering Services And Customer Support

Fibergrate's engineering group offers unsurpassed expertise combined with an exceptional working knowledge of the application of FRP structures. This combination is brought together in the development of designs that offer the best solutions to customer needs.

Fibergrate's customer support services reflect the same level of professionalism provided by the company's engineering group. Trained, experienced and responsive, each member of this group is committed to providing the highest level of customer support possible.

Manufacturing

Fibergrate products are manufactured with the highest quality raw materials and the latest in automated technology. Fibergrate offers a number of advanced resin systems, including several proprietary formulations, for use in the manufacturing of all of its products. Automated processes add to the efficiency of Fibergrate's manufacturing and further ensure consistent quality and a competitively priced product.



Fibergrate
Composite Structures

Market Applications

The Fibergrate line of composite products is proven in some of the world's most demanding processing, manufacturing, commercial and institutional installations, making a significant contribution to the safety, corrosion resistance, durability and maintenance free operation of these facilities.

Chemical Processing



A combination of corrosion resistance, high strength, light weight, and maintenance free design ensures the long-term value of Fibergrate products in the most demanding petrochemical processing and refining applications.

- Walkways
- Catwalks
- Mezzanines
- Platforms
- Air Scrubber Internals
- Process and Storage Areas

Food and Beverage



Fibergrate offers a broad range of products — grating, floor plate, workstands, handrail and structural shapes — for food and beverage processing facilities. The company's CP-84 molded grating provides a maintenance free, corrosion resistant alternative to expensive stainless steel.

- Walkways
- Platforms
- Stairways
- Raw Material Storage Areas
- Catwalks

Water and Wastewater



The Fibergrate product line's combination of light weight and high strength construction, corrosion resistance, maintenance free operation, slip free surfaces and low life-cycle cost meet the unique requirements of the water and waste markets.

- Walkways
- Chemical Storage Areas
- Crossflow Media Supports
- Settling Basins
- Clarifiers

Manufacturing



The corrosion resistance, inherent ergonomics and slip free surfaces of Fibergrate products combine to meet the demands of the manufacturing environment for durable, safe structural systems.

- Assembly Areas
- Catwalks
- Chemical Storage Areas
- Plating Areas

Architectural/Commercial



The safety characteristics, long life and maintenance free design of Fibergrate composite products meet the needs of a wide range of commercial and institutional construction. The company's products have been used extensively in a number of applications, ranging from zoos, to waterparks, to aquariums.

- Storage Areas
- Underwater Structures
- Walkways
- Platforms

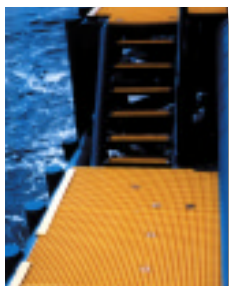
Pulp and Paper



Extremely high corrosion resistance and maintenance free design makes Fibergrate products optimal for the demands of pulp and paper processing.

- Bleaching and Washing Areas
- Platform Scrubber
- Belt Filter Press Flooring
- Wastewater Areas
- Stack Internals

Oil and Gas



The inherent anti-corrosive properties and slip resistant surfaces of Fibergrate products make them optimal for drilling and production platforms, both land-based and off-shore.

- Drilling Rig Floors
- Production Platforms
- Drilling Platforms
- Additive Storage Areas

Metals and Mining

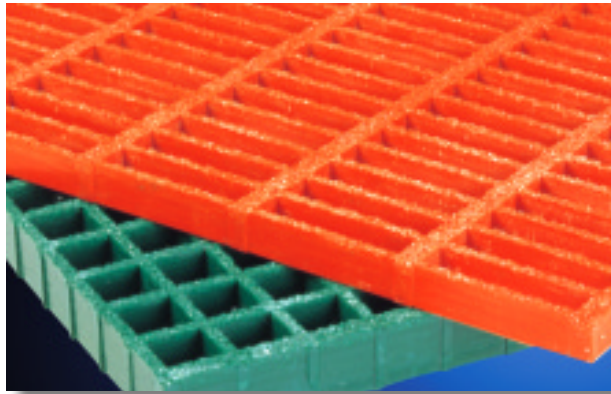


Delivering a high level of corrosion resistance and long, maintenance free life, Fibergrate products meet the demands of the most corrosive mining and metal processing applications.

- Refining Facilities
- Catwalks
- Walkways
- Chemical Storage Areas

Fiberglass Flooring Products

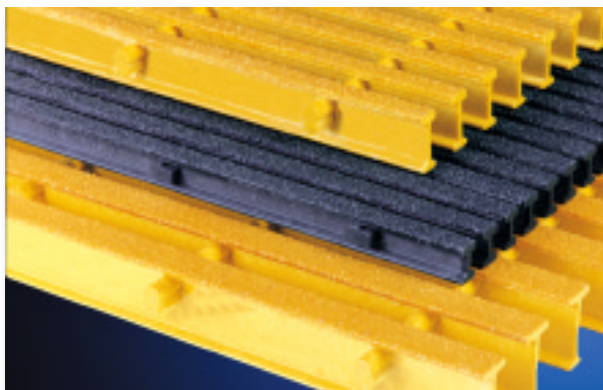
Molded Grating



Fibergrate brand molded grating is proven superior to metal products in some of the most demanding industrial applications, including chemical refineries, where high maintenance metal gratings were once used; replacing expensive stainless steel in food processing plants, where corrosive detergent washdowns are a daily activity; and in highly corrosive plating facilities, where Fibergrate molded grating is proven to withstand corrosion that destroys metals.

A wide range of Fibergrate resins, including Corvex®, Vi-Corr®, IFR, and Chemgrate CP-84, ensures the best match of formulation to application. The industry's largest selection of depths, panel sizes and meshes further ensure that Fibergrate can provide the best molded grating type for the installation.

Pultruded Grating



Manufactured with a high percentage of fiberglass, Fibergrate's pultruded grating features extraordinary uni-directional

strength and exceptional stiffness, while also offering corrosion resistance and long, maintenance free life. Fibergrate pultruded grating is available in two types for the best match of product to application: Safe-T-Span Industrial — for heavy-duty pedestrian and non-motorized wheeled traffic, where long support spans are required; and Safe-T-Span Pedestrian — for a durable, lightweight, easy-to-install walkway.

Moltruded Grating



RIGIDEX I and RIGIDEX II fiberglass Moltruded gratings (patent pending) are the first gratings to combine the high performance

of Fiberglass Reinforced Plastic (FRP) molded and pultruded grating construction with the low cost of metal. With the introduction of these revolutionary products, a new class of grating is now available to meet the needs of both pedestrian and industrial use.



Elevated walkway - molded grating & handrail



Pedestrian walkway - pultruded grating



Railcar unloading area - moltruded grating

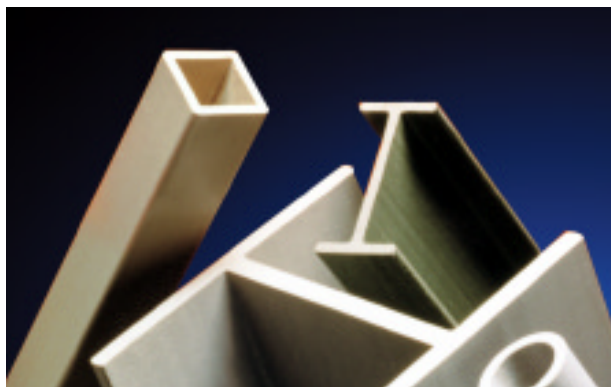
Advanced Composite Structural Products

Handrail and Ladder Systems



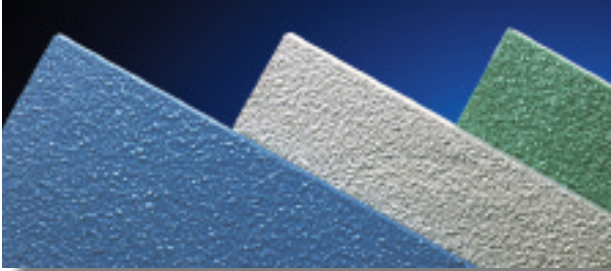
Fibergrate's Dynarail® Handrail and Safety Ladder systems meet the need for long-term durability, easy installation and worker safety. These corrosion resistant, highly durable systems meet or exceed all OSHA requirements, are easily assembled on-site and are priced competitively with less durable conventional products.

Structural Shapes



Fibergrate manufactures a wide range of Dynaform pultruded structural shapes that combine high strength and light weight with a level of corrosion resistance that ensures problem-free service even in demanding environments. These characteristics, combined with thermal and electrical non-conductivity, have made Dynaform structural shapes the preferred choice in applications where conventional wood, aluminum and steel were formerly used.

Molded Plate



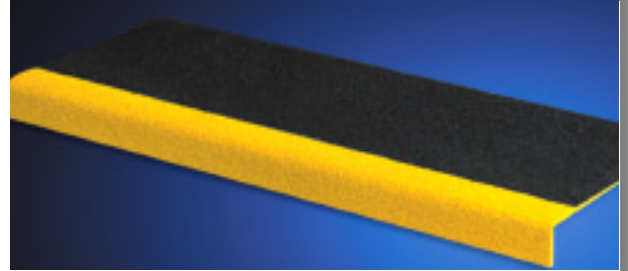
Fibergrate's Fiberplate® and Chemplate® molded plate products are designed to be installed over new or existing structural members of either metal or fiberglass construction providing a solid, non-slip walkway. Used in a wide range of installations, from solid flooring in a meat rendering plant, to wall plate in a semiconductor processing facility, these plate products deliver the same high level of durability and corrosion resistance as molded grating.

Stair Treads

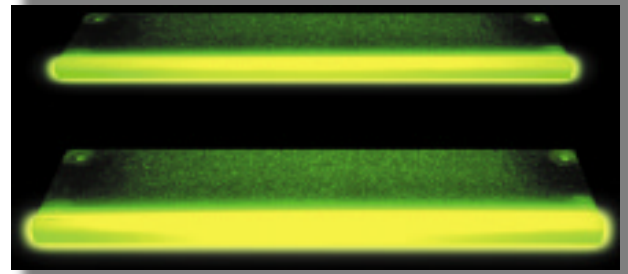


Fibergrate offers the industry's widest selection of fiberglass stair treads. Safe-T-Span pultruded stair treads deliver the same high level of strength, stiffness and corrosion resistance as pultruded grating. Fibergrate molded stair treads — Fibertred® and Chemtred® — offer a premium combination of corrosion resistance and strength. All Fibergrate stair tread products feature a durable grit-top surface for outstanding slip resistance and safety.

Stair Tread Covers



Fiberglass stair tread covers from Fibergrate are a convenient way to provide solid, slip resistant footing for existing stairs. These stair tread covers may be installed over wood, concrete or metal steps, or combined with Fibergrate fiberglass grating for optimum value. Standard nosing for these covers is a highly visible yellow, but a photo luminescent coating is available, providing an extra margin of safety for nighttime use or dark areas. An integral aluminum oxide grit-top surface provides secure footing for maximum safety and a highly durable tread.



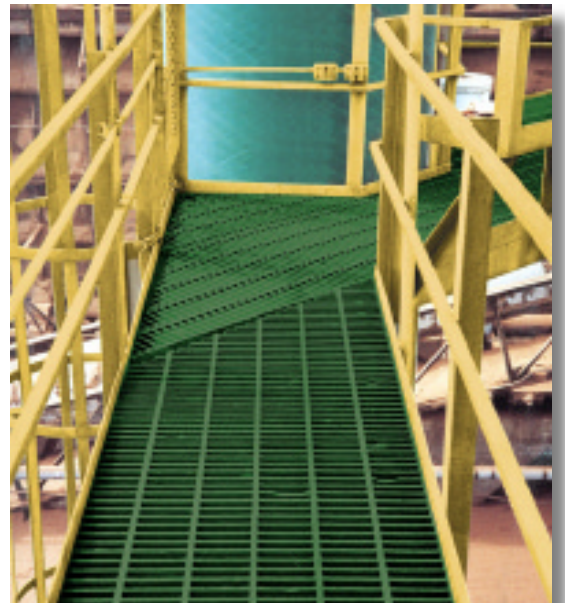
Fabrication Services



Fibergrate combines engineering skills with an unmatched knowledge of the application of composite materials to provide design and fabrication of various facilities utilizing FRP components. Staffed by professional engineers and highly experienced project managers, Fibergrate's fabrication group is equipped to provide a turnkey solution to a wide range of projects — from design, to estimating, to component fabrication, to final construction and installation.

Fibergrate's engineering group allows for the maximum utilization of composite components, while meeting OSHA, BOCA and related building codes and accommodating seismic, geographic or topographic considerations as required. As a measure of its experience, Fibergrate has completed more than 20,000 projects worldwide, ranging from platforms, catwalks and stairways, to engineered towers and test racks.

Fibergrate Composite Structures combines the industry's broadest product line with the kind of in-depth experience that can only be derived from over thirty-five years in the business. The Fibergrate product line is further strengthened through on-going product development and is value-enhanced by the company's singular commitment to exceptional customer support. Setting today's standard in the development and application of FRP materials, Fibergrate is well positioned to effectively deliver high performance composite solutions to the worldwide market in the future.



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Buenos Aires, Argentina (54-3327)-44-2222

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Africa

Johannesburg, South Africa (27)-11-310-1821

Asia

Hong Kong, PRC (852)-2914-1133

Fibergrate is part of the StonCor Group.

The StonCor Group combines the resources of four leading corrosion control companies – Fibergrate, Plasite, Carboline and Stonhard. Over 75 years of field experience has solidified StonCor's commitment to cutting edge technology and uncompromising quality. The StonCor Group provides a single source for all your coating, lining, flooring, fireproofing, grating and structural system requirements.

U.S. Sales and Distribution

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Maple Shade, NJ

Atlanta, GA

San Francisco, CA

Houston, TX

Chicago, IL

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Plasite

Green Bay, WI 877-752-7483

Stonhard

Maple Shade, NJ 800-257-7953

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