



How to Reduce Corrosion, Decrease Safety Risks and Lower Installation Costs...

With 50+ years of experience in developing solutions for the food and beverage industry, Fibergrate has created solutions for some of America's most recognizable food and beverage companies, including Coca-Cola, Schepps and Ocean Spray. Fibergrate's GRP (Glass Reinforced Plastic) products are well known for their corrosion resistance, low installation cost and their decreased safety risks. Aside from these crucial benefits, Fibergrate offers many other benefits which will also help your facility be tough enough to withstand all food and beverage environments.



GRP Benefits



More Money for Your Buck with Lower Installation Costs: Fibergrate products are lighter and easier to fabricate than steel and other metal products, which decreases installation costs significantly. The corrosion-resistant properties of Fibergrate's grating and other products reduce or eliminate the need for sandblasting, scraping and painting. Products are also easily cleaned with a high pressure washer. Unlike Fibergrate products, steel requires costly maintenance and repairs.



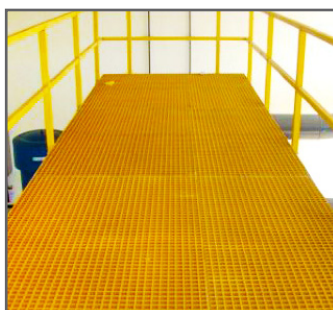
Less of a Headache with Improved Corrosion Resistance: Fibergrate offers multiple premium grade resin systems available to meet your facility's needs. This unmatched protection is ensured by the manufacturing process in which fibreglass is thoroughly wetted, providing continued structural integrity in tough environments. Fibergrate's products were specifically designed to provide safe, long lasting solutions in environments where corrosive materials attack and destroy steel and other metals.



Say Goodbye to Safety Risks: Fibergrate's GRP products have several unique properties that make them ergonomically superior to other products. Fibergrate products are comfortable to stand on for long periods of time which helps reduce back, leg and foot strain, increasing worker comfort and productivity. These products also offer incomparable slip resistance to help reduce slips and falls.

Products & Resins

Fibergrate® Moulded Grating



- Maximum corrosion resistance
- Used for walkways or flooring
- Exceptional slip resistance with 2 non-slip surface options
- Variety of depths and panel sizes

Stair Treads and Stair Tread Covers



- Moulded or pultruded treads (for new or replacement steps)
- Panels are easy to cut to size during installation
- Tread covers can install easily over existing treads
- Lightweight, easy to install, able to retrofit to existing stringers (or structure)

Food & Beverage Solutions



Fiberplate® Floor Plate



- Installs on traditional surfaces for slip resistance
- Solid composite panel; excellent for odour control
- Corrosion-resistant and lightweight
- Non-porous surface allows for easy cleaning

Platform Solutions



- Lightweight, easy to move and clean
- Custom designed
- Can include stairs, handrails, ladders and even the structural components for the entire platform
- Resilient working surface to maximize the productivity level of your valuable line workers


Fibergrate FGI-AM® Resin System:

Our NEWLY improved FGI-AM resin system is a specially formulated, food-grade isophthalic polyester resin system that is now infused with Microban® antimicrobial product protection which inhibits the growth of odour and stain-causing bacteria for the lifespan of the product. The resin system is available for all Fibergrate® grating, plate, covered grating, work station platforms and stair tread products, this system has been successfully tested to inhibit the growth of bacteria that cause foul odours, discolouration and mildew on the surface of the products. In addition to protecting the surface of the products, FGI-AM is USDA approvable, has an ASTM E84 flame spread index of 25 or less, and has superior corrosion resistance. This product is intended for non-public health uses.



Case Study

Coca-Cola® Bottling Company



Project Info

- Walking and Conveyor Platforms
- Fibergrate® Vi-Corr® 1-1/2" Deep, 1-1/2" Square Mesh Moulded Grating


Problem: Frequent wash downs at the bottling facility cause the floor to become wet, thus creating a slip hazard for workers. When considering flooring for their facility, they needed a material that was slip-resistant.

Solution: Fibergrate's moulded grating provides the sure-footed surface required for worker safety. Vi-Corr® moulded grating was installed as a wide platform on both sides of a packaging unit and was used along the filling equipment and conveyor lines as narrow walkways. Fibergrate's natural resilience lessens worker back and leg strain. Not only was the product easy to install, it also closely resembles the red colour of the Coca-Cola® label. The Great Plains Coca-Cola Bottling Co. plant is just one example of how Fibergrate products can enhance the appearance of any facility and improve safety.

Project Photos



Phone: (972) 250-1633
Fax: (972) 250-1530

 fibergrate.uk

 info@fibergrate.com

Fibergrate Composite Structures Inc. believes the information contained here to be true and accurate. Fibergrate makes no warranty, expressed or implied based on this literature and assumes no responsibility for consequential or incidental damages in the use of these products and systems described, including any warranty of merchantability or fitness. Information contained here is for evaluation only.

General Disclaimer: Microban® antimicrobial product protection is limited to the product itself and is not designed to protect the users of these products from disease causing microorganisms, food borne illnesses, or as a substitute for normal cleaning and hygiene practices. Microban International, Ltd. makes neither direct nor implied health claims for the products containing Microban® antimicrobial product protection. Data, photomicrographs and information presented are based on standard laboratory tests and are provided for comparative purposes to substantiate antimicrobial activity for non-public health uses.

Trademark Disclaimer: Microban® is a registered trademark of Microban Products Company.

©Fibergrate Inc. 2024 Food-and-Beverage-Market-Overview.UK.pdf-03/24 - Printed in the USA

Fibergrate
Composite Structures

Building the World to Last®