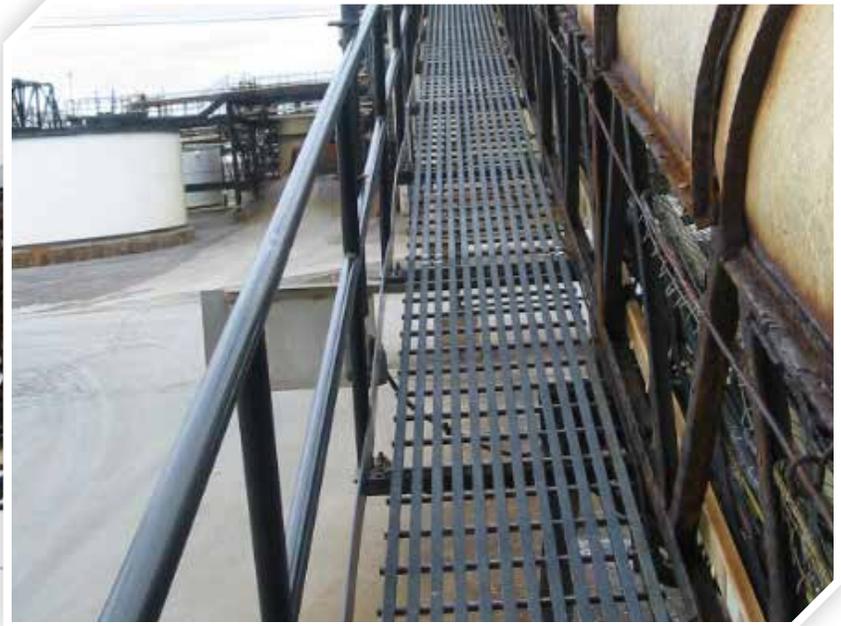


# Fibergrate

Composite Structures

# Chemical Processing



## A CANADIAN CHEMICAL COMPANY

### Overview

A Canadian Chemical Company had a maintenance issue with steel structures and gratings used to maintain and access their process equipment. Every year the Chemical plant infrastructure would undergo an annual maintenance audit to evaluate the structures from a structural and safety perspective.

### Problem

Due to the corrosive process chemicals present, issues arose frequently. Sometime the entire structure would require regular replacement. The repair and design criteria would target a 20 year life expectancy for the replacement materials.

### Solution

Fibergrate was able to work with the company's engineering department to recognize trouble areas, especially those exposed to constant chemical and environmental attack and recommended solutions that were accepted by the customer. In some cases, FRP molded, moltruded and pultruded gratings were installed on the existing steel structures that were epoxy coated prior to grating installation. In other areas existing galvanize or painted steel structures were replaced completely with FRP handrails, ladders, staircases and structures.

Fibergrate was able to offer:

- Superior life cycle cost.
- Slip resistance surface of the grating or treads regardless of weather conditions.
- Superior chemical resistance than steel. No future maintenance required.
- Ease of installation due to light weight physical properties



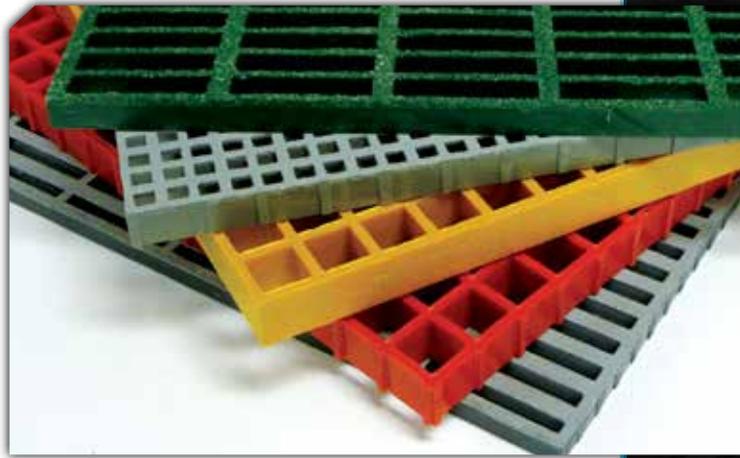
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# [ Company Overview ]

Fibergrate Composite Structures Inc. is the leading manufacturer of fiberglass reinforced plastic (FRP) solutions for industrial and commercial use globally. Fibergrate sets the standard for high-performance composite products with such proven brands as Fibergrate® and Chemgrate® molded grating, Safe-T-Span® pultruded grating, Dynarail® handrail and ladder systems, and Dynaform® structural shapes.

As the originator of FRP molded grating, Fibergrate began manufacturing in 1966 in Dallas, Texas. Today, Fibergrate's ISO 9001-2008 certified manufacturing facilities in Stephenville, Texas, and Querétaro, Mexico, manufacture a full line of FRP products and structural systems using a variety of technologies.



In 2010, Fibergrate proudly relocated its Canadian fabrication facility to open a new state-of-the-art Design & Innovation Centre in Oshawa, Ontario, Canada. This facility combines dedicated Design Teams, a skilled Drafting Department, Project Managers, Experienced Fabricators and an extensive selection of inventory. Using industry leading equipment, Fibergrate has been able to develop custom designs & modeling technologies as well as provide in-house fabrication services under strict quality control guidelines. Fibergrate combines proven engineering skills with an unmatched knowledge of composite material solutions to consistently deliver the most cost effective results.

Let us put our nearly 50 years of experience, products, design and fabrication capabilities to work on your next project.

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Fibergrate is a wholly owned subsidiary of RPM International Incorporated. RPM International Inc., a holding company, owns subsidiaries that manufacture and market high-performance coatings, sealants and specialty chemicals, primarily for maintenance and improvement. Such proven industrial brands include Carboline, Tremco and Stonhard; consumer brands include Rust-Oleum, DAP and Zinsser.

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Composite Structures

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