

# CASE STUDY

## Chemical



Building the World to Last®

### Project Specs

**Location:** La Porte, Texas

**Application:** Walkways and Platforms Around Processing Areas

**Product:** Fibergrate® 1-1/2" Deep, 1-1/2" Square Mesh Molded Grating

### Overview

PPG Industries Chemical plant produces more than 50 million pounds of specialty chemicals for manufacturers around the globe. Chemicals produced at this facility include Chloroformates (used in pesticides, artificial sweeteners and pharmaceuticals) and acid chlorides and carbonates (used as solvents and alkylating agents in paints and other coating products).



### Problem

Due to the chemical activity in the processing areas, corrosion resistance is a major concern for PPG's purchasing department and maintenance personnel.

### Solution

Fibergrate worked with PPG to analyze existing corrosive environments to determine the right solution for their needs. Vi-Corr® vinyl ester molded grating was chosen for its high corrosion resistance and ease of cutting. Fibergrate's fabrication services were utilized to cut approximately 3,000 square feet of 1-1/2" deep, 1-1/2" square mesh grating for walkways and platforms around the processing area.



Phone: 800-527-4043 | Fax: 972-250-1530 | [www.fibergrate.com](http://www.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 the consequential or incidental damages in the use of these products and systems described, including any warranty of merchantability or fitness.

Information contained here can be for evaluation only. The marks and trade names appearing herein, whether registered or unregistered, are the property of Fibergrate Composite Structures Inc. ©Fibergrate Inc. 2021