

CASE STUDY

Chemical

PPG Industries Chemical Facility

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.



Project Specifications

Project
PPG Industries
Chemical Facility
La Porte, TX

Application
Walkways and Platforms
around processing areas

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

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Fibergrate

Composite Structures

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