

Copper Recovery Operation

Metals and Mining

Project Specs

Location: Arizona

Application: Walkways and Platforms

Product: Chemgrate® 1-1/2" Square Mesh Molded Grating



Overview

In Arizona, copper recovery and extraction is an important industry. Though the industry has been around for a very long time, it is ever-changing. The process of recovery and extraction is a very detailed one and has been simplified over the years with the help of numerous chemicals. For this reason, much thought must be taken when considering what building materials should be used for the facilities.

Problem

In copper recovery systems, such as this one in Arizona, the acid solutions are both corrosive and hazardous. Safety and corrosion resistance were both important factors when considering material to use for this project.

Solution

In this Arizona copper recovery operation, Chemgrate® 1-1/2" square mesh grating was used extensively around vats in the electrowinning process. The superior strength of the integral, interwoven construction and the bidirectional load distribution of the 1-1/2" square pattern was ideal for the walkways and work platforms required for installation. Fibergrate's products have created a long-term, low-maintenance solution in the harsh corrosive environment of the copper recovery operation.

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