

Dofasco Inc. Sulfurcrete Acid Resistant Concrete Lining

STRUCTURE: Sulphuric Acid Secondary Containment
LOCATION: Hamilton, Ontario
PROJECT DATE: March 27, 2001
PRODUCT USED: Sulfurcrete Acid Resistant Concrete
MasterBuilders: SCB Concessive 1360 Epoxy
: Emaco S88 Repair Mortar
JOB DURATION: 15 Days
CLIENT: Dofasco Inc.
AREA: #2 By Products
CONTRACTOR: Vector Restoration Ltd.

PROJECT DESCRIPTION:

Due to the spillage of the Sulphuric Acid over time there was reoccurring damage to the unprotected concrete surface. When the integrity of the containment ability of the structure became an issue, the client ordered extensive repairs. Vector Restoration Ltd. designed a reconstruction package.



SULPHURIC ACID SECONDARY



PRIOR TO THE REPAIRS

The damaged deteriorated portions of concrete surface were repaired using Emaco S88 Repair Mortar. The cracks in the structure were repaired using the SCB Epoxy injection system. The tank Secondary Containment area floor and the walls to a height of 36" were lined with a 6" thick layer of Sulfurcrete Acid Resistant Concrete.

