

# Belzona 4311 Protects a Nitric Acid Loading Area at a Chemical Plant

ID: 7660

Industry:

Customer Location: Chemical Plant, Florida, USA

Application:

Application Date: October 2017

Substrate: Concrete

Products: \* Belzona 4311 (Magma CR1) ,  
\* Belzona 4911(Magma TX Conditioner) ,

## Problem

The concrete curbs were dissolving from the nitric acid. The Customer wanted a coating that would withstand the vapors and occasional splash and spill.



## Photograph Descriptions

- \* 1. Trucks unloading nitric acid ,
- \* 2. Belzona 4311 applied. ,
- \* 3. Belzona 4311 applied. ,
- \* 4. Belzona 4311 applied. ,

## Application Situation

Nitric acid loading area at a chemical plant.

## Application Method

There was a General Contractor that would re-build the curbs and piers that were degraded. They have used Belzona in the past and the Belzona consultant also worked with them on the application. The substrate was thoroughly cleaned and allowed to dry. A coat of Belzona 4911 was first put down as the substrate was too porous due to the chemical attack and adhesion of Belzona 4311 system (2 coats) over the top was to be maximized.

## Belzona Facts

This plant has used Belzona for several applications in their plant and they wanted Belzona to be specified on this project.

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ISO 9001:2015  
FS 695214  
ISO 14001:2015  
EMS 695213

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