

Coated Secondary Containment Areas

ID: 9347

Industry: Water / Wastewater
Application: FPA-Floor Problem Areas
Substrate: Concrete
Products: Belzona 4311 (Magma CR1), Belzona 4911 (Magma TX Conditioner), Belzona 5811 (Immersion Grade), Belzona 9111 (Cleaner Degreaser)

Customer Location: Ontario
Application Date:

Problem

The new water treatment facility had four rooms with secondary containment areas for storing chemicals that was required to have protecting coating to prevent the area against corrosion.



Preparation work completed



Application of first coat of Belzona 4311



Application Belzona 4311 completed



Application Belzona 5811 Completed

Application Situation

The assist owner wanted to protect the new concrete from chemicals attacking the concrete from corrosion. The areas needed protection from Sodium Hypochlorite and Sodium Bisulphite.

Application Method

All concrete was ground using a grinder with a diamond Disc, all dust was vacuumed and area cleaned by using Belzona 9111, A mositsure test was performed to check the mositsure level content, it was below the 6% that is recommended. Three rooms required Belzona 4911 Magma Conditioner and Belzona 4311 Magma CR1 coating, the forth room required protection using Belzona 5811.

Belzona Facts

Application was specified by the Design Engineering Company and the support of Belzona, the application was performed by a coating sub-contractor with the support from the local Technical Consultant.

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

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