

BELZONA STATIC DISSIPATIVE LINING FOR CHEMICALLY AGGRESSIVE ENVIRONMENT

ID: 6016

Industry: *Chemical & Petrochemical* Customer Location: *Refinery, France*
Application: *TCC-Tanks and Chemical Containment Areas* Application Date: *April 2012*
Substrate: *Carbon Steel*
Products: ** Belzona 4311 (Magma CR1)
 Belzona 4351 (Magma CR5),*

Problem

The client required a coating combining high chemical resistance and static dissipative characteristics in order to comply with safety regulations and eliminate the risk of tank's contents igniting.



Photograph Descriptions

* 1. Scaffolding assists Belzona 4311 application
2. First layer of Belzona 4311 applied
3. Application of the lining on the floor
4. Application of Belzona 4351 completed ,

Application Situation

One of the world's largest plastics, chemicals and refining companies required lining for storage tank containing chemical mixture including Xylene and Sulphuric acid at maximum temperature of 70°C.

Application Method

The application was carried out in accordance with Belzona Know-How System Leaflet TCC-5. After thorough surface preparation, a two layer system of Belzona 4311 was applied throughout the tank. Finally, across the tank's entire bottom and half a metre up the walls, the application was finished with a coat of Belzona 4351. Note that Belzona 4351 was sufficiently grounded.

For more examples of Belzona Know - How In Action, please visit <https://khia.belzona.com>

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

Belzona products are
manufactured under an ISO
9000 Registered Quality
Management System.

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Belzona Facts

Scaffolding was installed allowing for safe and effective application even at the full height of the tank. This solution reduced downtime, meaning the tank could be put into service in a very short time. Belzona system provided the required level of acid resistance combined with the need for static dissipation.

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