

BELZONA® 3211 PROTECTS LPG SPHERES

ID: 90

Industry: Oil & Gas
Application: TCC-Tanks and Chemical Containment Areas
Substrate: Foam glass insulation
Products: * Belzona® 3211 (Lagseal) ,

Customer Location: International Oil Company
Application Date: October 1996

Problem

Water penetration through original insulation system had allowed severe underlagging corrosion to occur. The site is an exposed marine site and deluge systems on the sphere are regularly tested so that watertightness is imperative.



Photograph Descriptions

- * Work underway on one of the spheres within the environmental screen ,
- * Close up of the application showing complete sealing around pipework ,
- * A completed sphere ,

Application Situation

Pressurized storage spheres for Liquefied Petroleum Gas (LPG).

Application Method

The insulation was re-installed using a closed cell foam glass that is impervious to water and Belzona® 3211 applied in accordance with Belzona Know-How Leaflet TCC-4.

Belzona Facts

Trials with two alternative systems were not successful. Use of Belzona® 3211 in conjunction with a closed cell foam insulation will provide maximum resistance to water penetration. To date three spheres have been protected on the site.

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

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