

BELZONA® 3211 PROTECTS LPG SPHERES

CUSTOMER

International Oil Company

APPLICATION DATE

October, 1996

APPLICATION SITUATION

Pressurized storage spheres for Liquefied Petroleum Gas (LPG)

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.

PRODUCTS

Belzona® 3211 (Lagseal)

SUBSTRATE

Foam glass insulation

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 System 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.

PICTURES

1. Work underway on one of the spheres within the environmental screen
2. Close up of the application showing complete sealing around pipework
3. A completed sphere



1.



2.



3.

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



ISO 9001:2008
Q 09335
ISO 14001:2004
EMS 509612

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