

BELZONAS CERAMIC SOLUTION FOR ELEPHANTS FEET

ID: 789

Industry: Marine

Customer Location: Korean Shipyard - 35,000 DWT Products Tanker

Application: TCC-Tanks and Chemical Containment Areas

Application Date: October 2004

Substrate: Carbon Steel

Products: * Belzona® 1311 (Ceramic R-Metal) ,
* Belzona® 1391 (Ceramic XHT Metal) ,

Problem

High fluid velocities combined with elevated temperatures and chemical products cause erosion-corrosion when tanks are filled or emptied.



Photograph Descriptions

- * Pre-application, showing areas to be radiussed ,
- * Belzona® 1311 used to stripe coat welds ,
- * Inspection of Belzona® 1391 ,
- * Completed Belzona® 1391 protected well ,

Application Situation

Suction Wells under "Elephants Feet" in Chemical Products Tanker

Application Method

The Application was carried out in accordance with a modified version of Belzona Know-How System Leaflet TCC-5.

Belzona Facts

Belzona® 1391 was selected based upon its outstanding track record in high temperature erosion-corrosion protection, and further ships suction wells have been coated based upon the proven system.

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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