

BELZONA PROTECTS PLATE HEAT EXCHANGER COVERS

ID: 624

Industry: *General Industry*
Application: *GSS-Gaskets, Seals and Shims*
Substrate: *Carbon steel*
Products: ** Belzona® 1341 (Supermetalgilde) ,*
** Belzona® 9411 (Release Agent) ,*

Customer Location: *South African Refinery*
Application Date: *Various since 1994*

Problem

Galvanic and crevice corrosion to the end covers of the heat exchangers was resulting in leaking around the titanium plates and loss of efficiency.



Photograph Descriptions

- * Previously corroded cover ,
- * Former clamped into position ,
- * Post application inspection ,
- * Perfectly smooth finish ,

Application Situation

Plate heat exchangers

Application Method

Using a modified version of Belzona Know-How System Leaflet GSS-9, a plate is coated with Belzona® 9411 and used to form a thick layer of Belzona 1341 on the end cover. This procedure provides a perfect finish and excellent seal.

Belzona Facts

The first application was undertaken in 1994 – following the successful trial this specification has been extended through all plants in the group. This particular example was carried out in July 1999.

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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manufactured under an ISO
9000 Registered Quality
Management System.

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