

BELZONA PROTECTS PLATE HEAT EXCHANGER COVERS

ID: 624



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.

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.

INDUSTRY

General Industry

LOCATION

South African Refinery

APPLICATION DATE

Various since 1994

PRODUCTS

Belzona 1341 (Supermetalgilde)
Belzona 9411 (Release Agent)

SUBSTRATE

Carbon steel

PHOTOS

1. Previously corroded cover
2. Former clamped into position
3. Post application inspection
4. Perfectly smooth finish

For more examples of Belzona Know-How in Action, please visit khia.belzona.com

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under an ISO 9001 Registered
Quality Management System.

www.belzona.com

