

HEAT EXCHANGER REPAIR & COATING WITH BELZONA

ID: 8558



PROBLEM

Welding was ruled out due to the risk of heat distortion. A tight turnaround was required for the item.

APPLICATION SITUATION

A heat exchanger had suffered damage from erosion & corrosion in service.

APPLICATION METHOD

The existing coating was removed during the grit blast preparation. The metal was prepared to SA2.5 & 75 microns. Any areas of metal loss were repaired using Belzona 1311 Ceramic R metal. Two coats of Belzona 1321 Ceramic S Metal were then applied for future erosion/corrosion protection.

BELZONA FACTS

By utilising the Belzona repair the equipment was repaired & protected in only 4 days.

INDUSTRY

Fluid Flow

LOCATION

United Kingdom

APPLICATION DATE

2021

PRODUCTS

Belzona 1311 (Ceramic R Metal)
Belzona 1321 (Ceramic S Metal)

SUBSTRATE

Mild Steel

PHOTOS

1 - Damage to the coating & underlying metal

2 - Surface preparation & rebuilding with Belzona 1311

3 - End cover coated with Belzona 1321

4 - Belzona 1321 applied

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

Belzona products are manufactured under an ISO 9001 Registered Quality Management System.

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