

HEAT EXCHANGER REPAIR & COATING WITH BELZONA

CUSTOMER

United Kingdom

APPLICATION DATE

2021

APPLICATION SITUATION

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

PROBLEM

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

PRODUCTS

Belzona 1311 (Ceramic R Metal)

Belzona 1321 (Ceramic S Metal)

SUBSTRATE

Mild Steel

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.

PICTURES

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



1.



2.



3.



4.

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

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