

BELZONA EROSION CORROSION PROTECTION APPLIED BY SPRAY

ID: 4871



PROBLEM

Erosion and corrosion attack on the internals of the vessel resulted in the requirement for a fast applied lining which would resist further attack.

APPLICATION SITUATION

Oxygenation vessel on offshore oil and gas platform

APPLICATION METHOD

Application was carried out in accordance with Belzona System Leaflet TCC-5. Following thorough surface preparation by grit blasting, Belzona 1111 was applied to fair off welds and in fill areas which had suffered from pitting. Belzona 1331 was then applied as a two-coat system by heated airless spray to provide overall erosion corrosion protection.

BELZONA FACTS

The customer chose to use Belzona 1331 due to its excellent erosion resistance combined with the rapid application times achievable using airless spray equipment, allowing the vessel to be returned to service with minimum downtime.

INDUSTRY

Oil & Gas

LOCATION

Oil major, UK North Sea

APPLICATION DATE

August 2013

PRODUCTS

Belzona 1111 (Super Metal) Belzona 1331

SUBSTRATE

Steel

PHOTOS

1. Application of the first coat of Belzona 1331 (white) 2. Application of the second coat of Belzona 1331 (grey) 3. Internal furniture and brackets were coated separately 4. Finished coating with detailed areas completed by hand

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