Belzona repairs vessel skeg

ID: 9009

Industry: Marine Customer Location: Scotland Application: SOS-Ships and Offshore Structures Application Date: March 2023

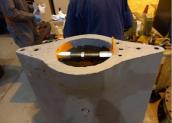
Substrate: Carbon steel

Products: Belzona 1111 (Super Metal)

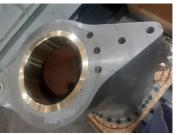
Problem

Erosion & corrosion had taken its toll on a marine skeg. There was significant metal loss in need of repair before the part could go back into service









& Belzona 1111 applied

Surface preparation carried out Belzona 1111 built up over the Close up of inner edge forming The repair area machined back full surface

down to the required dimensions

Application Situation

A new part had a 16 week lead time, an unacceptable wait for the customer

Application Method

The corroded areas were prepared using grinding tools to get back to bare metal & to roughen the surface. Belzona 1111 was then applied ~2mm proud of the surface. Applicator tools were used to form the inner bearing surface. Once the Belzona 1111 had reached its initially cure stage it was machined back down to the original equipment dimensions.

Belzona Facts

The Belzona repair was completed in a matter of days. This saved the customer greatly in time & cost when compared to waiting for a whole new skeg to be delivered.

For more examples of Belzona Know - How In Action, please visit https://khia.belzona.com

ISO 9001:2015 Belzona products are FS 695214 manufactured under an ISO ISO 14001:2015 9000 Registered Quality EMS 695213 Management System.