

BELZONA EROSION-RESISTANT COATING FOR A KORT NOZZLE

ID: 7668



PROBLEM

The Customer requested an erosion-resistant coating for a new kort nozzle installed in place of an old kort nozzle.

APPLICATION SITUATION

New kort nozzle on a tugboat.

APPLICATION METHOD

The applicaiton was carried out in accordance with a modified version of Belzona Know-How System Leaflet SOS-2. The nozzles, arms, lower pod and up the neck area were abrasive blasted. Belzona 1311 was applied to the various areas to cover the welds and sharp edges along the strut arms and areas up the neck. Belzona 1321 was applied to the entire drive unit an nozzle in two coats.

BELZONA FACTS

The Customer chose Belzona to protect the kort nozzles because they had had previous kort nozzles protected with Belzona products that are still in operation after 5+ years in a harsh abrasive environment.

INDUSTRY

Marine

LOCATION

Florida, USA

APPLICATION DATE

Summer 2017

PRODUCTS

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

SUBSTRATE

Steel

PHOTOS

1. Kort nozzle ready to be abrasive blasted
2. Ridge line grinded to the inside of the kort nozzle to have the 1321 coating butt up against to prevent any delamination from happening.
3. Application of Belzona 1321
4. Outside view of the final coat of 1321 ceramic s metal.

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

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