

BELZONA EROSION-RESISTANT COATING FOR A KORT NOZZLE

ID: 7668

Industry: *Marine*
Application: *SOS-Ships and Offshore Structures*

Customer Location: *Florida, USA*
Application Date: *Summer 2017*

Substrate: *Steel*
Products: ** Belzona 1311 (Ceramic R-Metal) ,*
** Belzona 1321 (Ceramic S-Metal) ,*

Problem

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



Photograph Descriptions

- * 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. ,

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.

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

ISO 9001:2015
FS 695214
ISO 14001:2015
EMS 695213

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