

BELZONA REBUILDS AND PROTECTS SEAWATER STRAINER

ID: 4783

Industry: Marine

Customer Location: Dry Dock Facility, Newfoundland,
Canada

Application: SOS-Ships and Offshore Structures

Application Date: December 2009

Substrate: Cast Iron

Products: * Belzona 1311 (Ceramic R Metal) ,

* Belzona 1321 (Ceramic S Metal) ,

Problem

Erosion corrosion was taking its toll on the inner surfaces of this seawater strainer. Years of inadequate protection from inferior coatings was dramatically reducing the span of this important piece of equipment.



Photograph Descriptions

- * The extent of the corrosion damage can be seen after the seawater strainer has been grit blasted ,
- * The pitted areas were rebuilt with Belzona 1311 ,
- * The completed repair after the application of 2 coats of Belzona 1321 ,

Application Situation

Seawater strainer.

Application Method

Application was carried out in accordance with the modified Belzona System Leaflets SOS-1 & -2.

Belzona Facts

Conventional coatings cannot handle the erosion and corrosion and microbiological attack this equipment is subjected to. Conventional repair methods such as welding are not possible.

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

Belzona products are
manufactured under an ISO
9000 Registered Quality
Management System.

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