

BELZONA PROVIDES OPTIMISED SOLUTION FOR BEARING INSTALLATION

ID: 793

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

Customer Location: *UK (Cornish) Luxury Yacht Builder*
Application Date: *2002*

Substrate: *Aluminium*
Products: ** Belzona® 1121 (Super XL Metal) ,*
** Belzona® 1321 (Ceramic S Metal) ,*
** Belzona® 9411 (Release Agent) ,*

Problem

Conventional methods of installation require many hours of machining time for press fitting. In service they can become slack through fretting and galvanic corrosion



Photograph Descriptions

- * Bearing aligned. Note the injection port with valve under the housing. ,
- * Forward inboard view of stern tube. ,
- * Completed application. ,

Application Situation

Installation of bearings into the stern tube housing

Application Method

The application was carried out using a modified version of Belzona Know-How System Leaflet SOS-9. The bearing housing is grit blasted and the bearing rough turned prior to alignment and injection of the Belzona® 1321. Belzona® 9411 was only used on the alignment bolts to allow their later removal.

Belzona Facts

This luxury yacht, 27.37m long, was designed by the leading New Zealand designer Ron Holland, and is classified by ABS.

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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