

# BELZONA 7111 PROVIDES ALIGNMENT TO MAIN ENGINE ON BOAT

ID: 5921

Industry: Marine  
Application: GSS-Gaskets, Seals and Shims  
Substrate: Marine Steel and Carbon Steel  
Products: \* Belzona 7111 (Marine Grade) ,

Customer Location: Peru  
Application Date: August 2015

## Problem

After the scheduled maintenance of the main engine, it is necessary to align the system and apply chocks to the engine. Alignment tolerances between the engine and gearbox is stringent. It is necessary to shape four chocks, guarantee alignment and comply with the Marine Certification norms such as Lloyd's Register.



## Photograph Descriptions

- \* Belzona 7111 on board ,
- \* Chock at engine base ,
- \* Detail of caring before pouring ,
- \* Verifying the correct engine-gearbox alignment ,

## Application Situation

Main engine base of the propulsion system on the fishing boat.

## Application Method

The application was carried out in accordance with Belzona Know-How System Leaflet GSS-12, BEL CIS 100 with ABS certification and Belzona 7111 IFU.

## Belzona Facts

After pouring Belzona 7111 in four chock casings and curing, the alignment was verified within the acceptable and projected range. The process of pouring the liquid polymer offers benefits while replacing the manufacturing of metal shims that do not guarantee 100% support, are costly, needs time and corrections, which requires more days of downtime with no production and would result in a great loss in costs. Belzona 7111 has certification of Marine Classification of Lloyd's Register and American Bureau of Shipping.

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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