

# BELZONA REFORMS MAIN ENGINE LINER LANDS AND CORRODED COOLING WATER PASSAGES

ID: 100

Industry: *Marine*  
Application: *ENC-Engines and Casings*  
Substrate: *Cast iron*  
Products: *\* Belzona® 1111 (Super Metal) ,*

Customer Location: *Ship Dockyard, France*  
Application Date: *1998*

## Problem

*Corrosion in water cooled top land area of engine block.*



## Photograph Descriptions

- \* After grit blasting the degree of corrosion clearly evident ,
- \* Lower land reformed ,
- \* Cylinder rebuilt awaiting final finishing ,

## Application Situation

Cylinder block of main engine.

## Application Method

Application was carried out in accordance with Belzona System Leaflet ENC-4, using formers to reconstruct the two cylinder liner lands in each cylinder.

## Belzona Facts

Belzona was used because there was no other suitable solution. Machining would have weakened the cylinder block.

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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manufactured under an ISO  
9000 Registered Quality  
Management System.

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