

BELZONA REFORMS MAIN ENGINE LINER LANDS AND CORRODED COOLING WATER PASSAGES

CUSTOMER

Ship Dockyard, France

APPLICATION DATE

1998

APPLICATION SITUATION

Cylinder block of main engine.

PROBLEM

Corrosion in water cooled top land area of engine block.

PRODUCTS

Belzona® 1111 (Super Metal)

SUBSTRATE

Cast iron

APPLICATION METHOD

Application was carried out in accordance with Belzona Know-How 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.

PICTURES

1. After grit blasting the degree of corrosion clearly evident
2. Lower land reformed
3. Cylinder rebuilt awaiting final finishing.



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



ISO 9001:2008
Q 09335
ISO 14001:2004
EMS 509612

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