

BELZONA ENGINE BLOCK REPAIR AND PROTECTION

ID: 572

Industry: *General Industry*

Customer Location: *Iron and steel manufacturing factory,
Egypt*

Application: *ENC-Engines and Casings*

Application Date: *July 2004*

Substrate: *Cast iron*

Products: ** Belzona® 1311 (Ceramic R-Metal) ,
* Belzona® 1391 (Ceramic HT) ,*

Problem

Cavitation and corrosion in water passages of engine block.



Photograph Descriptions

- * General view of the block ,
- * Cavitation area after blasting ,
- * Rebuilding cavitation area using Belzona® 1311 (Ceramic R-Metal) ,
- * Applying Belzona® 1391 (Ceramic-HT) to the block ,

Application Situation

Engine block

Application Method

Application was carried out in accordance with Belzona Know-How System Leaflet ENC-6.

Belzona Facts

This is a routine repair on engine blocks as cavitation is a common problem in this area of the engine.

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

ISO 9001:2015

Belzona products are

FS 695214

manufactured under an ISO

ISO 14001:2015

9000 Registered Quality

EMS 695213

Management System.

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