
BELZONA® ENGINE BLOCK REPAIR AND PROTECTION

CUSTOMER

Iron and steel manufacturing factory, Egypt

APPLICATION DATE

July 2004

APPLICATION SITUATION

Engine block

PROBLEM

Cavitation and corrosion in water passages of engine block.

PRODUCTS

Belzona® 1311 (Ceramic R-Metal)

Belzona® 1391 (Ceramic HT)

SUBSTRATE

Cast iron

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.

PHOTOGRAPHS

1. General view of the block.
2. Cavitation area after blasting.
3. Rebuilding cavitation area using Belzona® 1311 (Ceramic R-Metal).
4. Applying Belzona® 1391 (Ceramic-HT) to the block.

