

# BELZONA SAVES ENGINE BLOCK

ID: 4825

Industry: General Industry

Application: ENC-Engines and Casings

Substrate: Cast Aluminium

Products: \* Belzona 1111 (Super Metal) Belzona 1392 (Ceramic HT2) ,

Customer Location: Engineering Co.Essex

Application Date: October 2013

## Problem

The engine block had a hairline crack and was badly pitted around the cylinder liners. Due to the location of the crack, it was difficult to reach to weld effectively and the pitting needed to be eradicated.



## Photograph Descriptions

\* The damaged engine block prior to cleaning The block being repaired with Belzona 1111 Second coat of Belzona 1392 being applied The finished block ,

## Application Situation

The customer provides high end restoration services for vintage cars. Currently working on an Aston Martin DB6 engine block

## Application Method

Application was carried in accordance with Belzona Know-How System Leaflets ENC-1 and ENC-6.

## Belzona Facts

The customer chose to use the Belzona method as it offered a reliable repair, future protection against erosion and corrosion as well as improved efficiency for the engine. The previous method of welding had been taking up to 2 weeks and there was a risk of causing further damage to the block through the welding process. The Belzona application took 2 days to complete.

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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