

## BELZONA SAVES ENGINE BLOCK

### CUSTOMER

Engineering Co.Essex

### APPLICATION DATE

October 2013

### APPLICATION SITUATION

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

### 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.

### PRODUCTS

Belzona 1111 (Super Metal)

Belzona 1392 (Ceramic HT2)

### SUBSTRATE

Cast Aluminium

### 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.

### PICTURES

1. The damaged engine block prior to cleaning
2. The block being repaired with Belzona 1111
3. Second coat of Belzona 1392 being applied
4. The finished block



1.



2.



3.



4.

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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