

# BELZONA ENSURES LONG-TERM PROTECTION OF TUGBOAT HULL

ID: 4673

Industry: Marine  
Application: SOS-Ships and Offshore Structures

Customer Location: Marine Division of a Refinery, USA  
Application Date: July 2006

Substrate: Carbon steel  
Products: \* Belzona 5811 (Immersion Grade),

## Problem

Previous hull coating was 80% disbanded after 24 months. Hull plates were so badly pitted and corroded that abrasive blasting blew through in spots. The Refinery wanted a more durable hull coating.



## Photograph Descriptions

- \* Image of hull plates pressure washed and in the process of abrasive blasting ,
- \* Hull plates coated with Belzona 5811 ,
- \* After 4 years in service, the coating is glossy and tightly adherent ,
- \* After 7 years in service, the coating is virtually unchanged ,

## Application Situation

Hull plates of a 103' tugboat operated by the refinery

## Application Method

The application was carried out in accordance with Belzona Know-How System Leaflet SOS-2. Belzona 5811 was applied via a single-component airless spray.

## Belzona Facts

Belzona has successfully proven to be a high cost-effective solution that has saved the Refinery \$168,000 and provided longer longevity than the conventional solvent coating. A 4-year inspection found the majority of the original coating in a perfect condition, still glossy and tightly adherent. During a 7-year inspection, the coating is virtually unchanged from the 4-year inspection

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

ISO 9001:2015  
Q 09335  
ISO 14001:2015  
EMS 509612

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manufactured under an ISO  
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with both black and beige coats still present at full thickness. After a 9-year inspection, the application is still perfect and operating.

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