

BELZONA ENSURES LONG-TERM PROTECTION OF TUGBOAT HULL

ID: 4673



PROBLEM

Previous hull coating was 80% disbonded 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.

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

INDUSTRY

Marine

LOCATION

Marine Division of a Refinery, USA

APPLICATION DATE

July 2006

PRODUCTS

Belzona 5811 (Immersion Grade)

SUBSTRATE

Carbon steel

PHOTOS

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

For more examples of Belzona Know-How in Action, please visit khia.belzona.com

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