

BELZONA COATS SUPER YACHT

ID: 4805



PROBLEM

Constructed with three Rolls-Royce gas turbine engines capable of pushing her to record speeds of 80knots, the jet tube area was suffering from high amounts of erosion and cavitation so when the vessel docked in Germany, Belzona provided a solution.

APPLICATION SITUATION

£100m power boat originally constructed to win the Blue Ribbon title for the fastest trans-Atlantic crossing.

APPLICATION METHOD

Application was carried out in accordance with Belzona Know-How System Leaflets SOS-1 & SOS-2. Rebuilding of the damaged area was carried out using Belzona 1111, before being coated with the Belzona 2141 system to provide cavitation resistance. Belzona 1341 was used as the first coat to provide optimum adhesion and corrosion resistance.

BELZONA FACTS

Belzona was inspected after 3 years and was mostly found to be in perfect condition with only minor damage to the leading edge. The coating had overcome the major cavitation erosion problems and was easily repaired with minimal downtime.

INDUSTRY

Marine

LOCATION

Drydock, Germany

APPLICATION DATE

2007

PRODUCTS

Belzona 1111 (Super Metal)
Belzona 1341 (Supermetalglide)
Belzona 2141 (ACR Elastomer)

SUBSTRATE

Aluminium/composite

PHOTOS

1. Jet tubes coated with Belzona 1341
2. 1st coat of Belzona 2141
3. 2nd coat of Belzona 2141 applied
4. After three years in service local repair was carried out on leading edge

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

Belzona products are manufactured under an ISO 9001 Registered Quality Management System.

www.belzona.com

