

BELZONA PROTECTS FAST FERRY BOW THRUSTERS FROM CAVITATION

ID: 900



PROBLEM

Cavitation problems had manifested themselves in the Port and Starboard Bow Thruster Tunnels. Annual repairs had been attempted with glass flake coatings and Belzona® 1341, but none had been ideal allowing metal loss to continue in the tunnel.

APPLICATION SITUATION

Bow Thrusters from a 900 Passenger High Speed Service Ferry capable of 38 knots.

APPLICATION METHOD

Following removal of the existing coatings Belzona® 2141 was applied in accordance with a modified version of SOS-1 and SOS-2.

BELZONA FACTS

Subsequent annual inspections have shown the Belzona® 2141 to provide outstanding cavitation protection. After nine (9) years in service the Belzona 2141 remains in excellent condition apart from a few mm² of mechanical damage. The client is extremely pleased with the application which has allowed them to extend the annual docking cycle to a bi-annual one

INDUSTRY

Marine

LOCATION

Scandinavian Fast Ferry operator

APPLICATION DATE

January 2002

PRODUCTS

Belzona 1111 (Super Metal) Belzona 2141 (ACR-Fluid Elastomer)

SUBSTRATE

Aluminum

PHOTOS

Localized damage to Belzona 1341 (Port)
Extensive damage to Glass Flake lining (Starboard) Belzona 2141 (Portside)
Inspection after 5 years service

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

