

UPS APPLICATION REPORT



Introduction

A UK Unique Polymers applicator was awarded the contract to repair, rebuild and resurface the bow thrusters on a large RoRo ferry managed in the UK.

The vessel was suffering from severe cavitation attack on the liner situated in the bow thruster and the customer needed a long term hard wearing solution to ensure no further erosion and corrosion took place.

UPS recommended the application of 230 Ceramic Repair Paste to fill in any pitting and scarring, followed by 2 coats of 235 Ceramic Repair Fluid to offer a smooth abrasion resistant finish to the surface of the bow thruster.

The repair was completed over 3 days and further work was awarded to the contractor following completion of the project

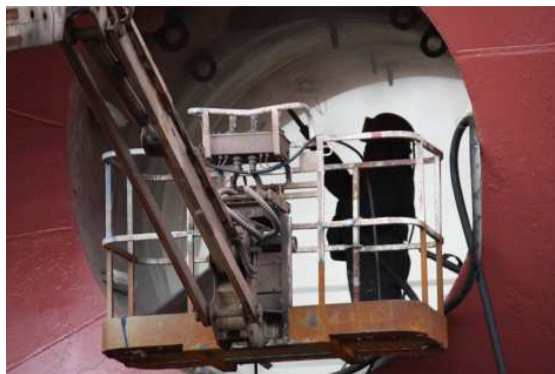
Products

Rebuild – UPS 230 Ceramic Repair Paste

Protection – UPS 235 Ceramic Repair Fluid

Technical Information

For further information on this application please contact UPS on: sales@uniquepolymersystems.com



Application Details

The surface of the steel liner was abrasive blast cleaned to SA2.5 50-75 micron profile

The surface was degreased using UPS cleaners

The pitting and scarring was filled by using 230 Ceramic Repair Paste

The repair paste was allowed to cure for 2-3hours, once it had initially set the protective coating was applied

2 coats of 235 Ceramic Repair Fluid (light grey and dark grey) were applied to the repaired surface

The coating was applied at a minimum 250-300 microns dft

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