

BELZONA PROTECTS ICE BREAKER RESEARCH SHIP

ID: 8246



PROBLEM

Areas and fixtures on the hull have been subjected to wear and erosion in service, leaving some of the steel exposed and open to corrosion.

APPLICATION SITUATION

An icebreaking polar supply and research ship returned to dry dock in South Africa for repairs after polar exploration.

APPLICATION METHOD

The application was carried out in accordance with Belzona System Leaflets SOS-01 & SOS-02.

BELZONA FACTS

The original corrosion paint has proven to be not strong enough to handle the harsh sea ice conditions. Belzona was chosen due to its erosion resistance and durability, to prevent costly damage in the future, while steel loss was still minimal. 192 sqm was covered in total.

INDUSTRY

Marine

LOCATION

Cape Town, South Africa

APPLICATION DATE

January 2020

PRODUCTS

Belzona 1111 (Super Metal)
Belzona 1341 (SuperMetalGlide)
Belzona 2141 (ACR-Fluid Elastomer)

SUBSTRATE

Steel

PHOTOS

1. Repair area prior to application
2. Detailed damaged area with steel loss
3. Coating application complete
4. Additional protection added to most severely affected areas

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

