

# BELZONA RESTORES AND PROTECTS SEAWATER FILTER UNIT

ID: 9260

Industry: Marine  
Application: SOS-Ships and Offshore Structures

Customer Location: Norway  
Application Date: October 2021

Substrate: Carbon steel  
Products: Belzona 1321 (Ceramic S-Metal)

## Problem

Existing internal glass flake lining of this seawater filter had failed completely. Large fragments of peeled coating was causing obstruction issues in pumps and cooling water systems.



Flaking and damaged lining



First layer of Belzona 1321 Ceramic S-Metal in progress



Second layer of Belzona 1321 Ceramic S-Metal in progress



Application Completed.

## Application Situation

The mechanical and relining application was carried out during a scheduled 48 hours unloading port stay.

## Application Method

The surface was manually prepared using a combination of UHP water 2500 bar and rotary wire brush powered tool followed by 2 coats a 400 µm Belzona 1321 Ceramic S-metal

## Belzona Facts

The customer was able to carry out this unplanned work during a planned port stay. Preventing schedule and contract outage this application situation was highly cost effective for the shipping company

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ISO 9001:2015  
FS 695214  
ISO 14001:2015  
EMS 695213

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