

## COOLING WATER SPOOLS AFTER 5 YEARS IN SERVICE WITH BELZONA

**CUSTOMER**  
Ireland

**APPLICATION DATE**  
2013

**APPLICATION SITUATION**  
The internal walls of several spools from the auxiliary cooling water system were coated with Belzona 1321 back in 2013. In 2018 the spools were removed for inspection still showing to be in excellent condition.

**PROBLEM**  
Corrosion and erosion from the sea water going through the spools.

**PRODUCTS**  
Belzona 1321 (Ceramic S-Metal)

**SUBSTRATE**  
Steel

**APPLICATION METHOD**  
This application was carried out in accordance with Belzona Know-How System leaflet VPF-02. Originally the internals of the spools were grit blasted to SA2.5 and then coated with Belzona 1321. During the inspection in 2018 some minor repairs were carried out on the flange area and internal walls of the spools. Any areas that needed minor repairs were washed with Salt-Away and then grit blasted before reapplying some Belzona 1321.

**BELZONA FACTS**  
The spools were originally rubber lined. The rubber lining was removed in 2013 and Belzona 1321 was applied.

- PICTURES**
1. Y-piece
  2. Condition of Belzona 1321
  3. Elbow
  4. Condition of Belzona 1321



For more examples of *Belzona Know-How In Action*, please visit <http://khia.belzona.com>

ISO 9001:2008  
Q 09335  
ISO 14001:2004  
EMS 509612

Belzona products are  
manufactured under an ISO  
9000 Registered Quality  
Management System.

[www.belzona.com](http://www.belzona.com)

Copyright © Belzona International Limited 2020

**BELZONA**  
Repair • Protect • Improve