

MARINE EXHAUST SYSTEM INTERNALLY PROTECTED WITH BELZONA

ID: 4876

Industry: Marine
Application: VPF-Valves, Pipes and Fittings
Substrate: Stainless Steel
Products: * Belzona 1381 ,
* Belzona 1391T ,

Customer Location: Luxury yacht builder, Holland
Application Date: December 2013

Problem

Following service, severe corrosion was detected particularly at welded joints in the exhaust system. New sections required an internal lining to provide long term corrosion protection.



Photograph Descriptions

- * Exhaust sections following internal grit blasting ,
- * Internal pipe lining in progress using Belzona 1381 ,
- * Completed application ,
- * Close up of finished pipe end showing Belzona 1391T ,

Application Situation

Marine exhaust system for luxury yacht. Components to be protected were pipe sections 125mm in diameter with lengths varying between 1.9 meters and 6 meters

Application Method

Application was carried out in accordance with Belzona System Leaflet VPF-2. Belzona 1381 was applied using a single airless spray pump and internal pipe lining equipment. The ends and flange faces were hand finished using Belzona 1391T.

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FS 695214
ISO 14001:2015
EMS 695213

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Belzona Facts

Applied by spray equipment, the pipes were lined in a matter of days and ready to be returned to the customer. Use of 1391T to finish the ends ensured that the entire exposed metal surface was protected, eliminating the chance of future corrosion.

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