

Plate Heat Exchanger

ID: 9649

Industry: Marine
Application: HEX-Heat Exchangers
Substrate: Carbon steel
Products: Belzona 1511 (Super HT-Metal), Belzona 1593

Customer Location: Houma, Louisiana
Application Date: April 2024

Problem

Corrosion due to salt water environment on end plates of plate heat exchangers.



Areas to be rebuilt/coated were checked for chlorides, chlorides were neutralized to acceptable levels, units were blasted and profile checked as per product manufactures recommendations.

Application of 1511 to fill in pitted and corroded areas prior to coating.

Application of first coat of 1593

Application of 2nd coat 1593

Application Situation

Vessel was in dry dock and time is money as every additional day in dry dock cost the vessel owner money. The Belzona option offered a more cost and time effective solution over welding and machining.

Application Method

Repair areas were abrasive blasted, and chlorides were checked and neutralized to acceptable levels prior application of Belzona 1511/1593 System

Belzona Facts

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

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