

Belzona Used on US's First Zero Emissions Tug Boat

ID: 9111

Industry: Marine
Application: SOS-Ships and Offshore Structures

Customer Location: Bayou La Batre, Alabama
Application Date: April 2023

Substrate: Rubber
Products: Belzona 2211 (MP Hi-Build Elastomer), Belzona 2911 (Elastomer QD Conditioner)

Problem

The front fender for the eWOLF needed to be bonded together using a strong adhesive that would withstand pushing and pulling during the process of adhering the fender to the tug boat.



The eWOLF with the completed fender attached.



The plugs of the fender needed to be attached first before attaching the fender sections.



Belzona 2211 applied to prepared surface before connecting the fender sections.



Come a longs used to hold the sections together while the Belzona fully cured.

Application Situation

Belzona 2211 was needed to adhere the three sections of a front fender.

Application Method

After achieving the required surface preparation, the conditioner Belzona 2911 was applied and after an hour of waiting, Belzona 2211 was used to attach the plugs into the fender and then attach the 3-part fender together. Come-a-longs were used to apply the necessary pressure to ensure the various surfaces were sufficiently pressed together. Surface preparation was completed using grinding wheels and MBX Bristle Blaster.

Belzona Facts

The eWolf is the first zero emissions tug boat in the United States. The battery powered tug boat will be a harbor tug boat in California.

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

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