

Belzona Repairs Pillow Block on Marine Winch

ID: 9930

Industry: *Marine*
Application: *SOS-Ships and Offshore Structures*

Customer Location: *Houma, La*
Application Date: *July 2025*

Substrate: *Stainless-steel*
Products: *Belzona 1161 (Super UW-Metal), Belzona 9111 (Cleaner Degreaser)*

Problem

Customer had bored 1-1/2" holes when 5/8" was needed for bearing housing.



Pillow block with oversized bolt holes.



Holes filled with Belzona 1161 by injection.



Holes bored to correct size through the Belzona 1161.



Bearing casing fit-tested for installation.

Application Situation

Belzona repair saved customer 2 days of rework and upwards of \$20k instead of cutting pillow block off and fabricating new ones.

Application Method

Surface prep was conducted using a pencil grinder and cleaned with Belzona 9111. Afterwards, Belzona 1161 was injected into holes using a mixing board as back stop and touched up after sliding mixing board off. Holes were bored to appropriate size through Belzona 1161 to allow bearings to be installed.

Belzona Facts

Belzona saved customer 2 days and around \$20k in rework.

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

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