

SuperWrap II Repair on 4" Diesel Line in the Gulf of Mexico

ID: 8702

Industry:

Customer Location: *Gulf of Mexico*

Application:

Application Date: *November 2021*

Substrate: *Carbon Steel - 4" Pipe*

Products: *Belzona 9111 Cleaner/Degreaser*

Belzona 9611 Epoxy Stick

Belzona 1161 UW Super Metal

Belzona 1982 SuperWrap II Resin

Belzona 9381 SuperWrap II Wrap 84mm wide

Belzona 9382 Release Film

Belzona Mixing Tools

Problem

There was a through wall defect roughly 1/2" in size on a 4" diesel line. Belzona was used to fill the hole and wrap the location as an immediate preventative measure to give time for the construction team to be able to fabricate a spool piece and permanently replace.



Photograph Descriptions

1. Belzona 9611 applied to plug hole
2. Surface prep complete
3. Belzona 9381 being wrapped around the pipe.
4. Completed repair after cure.

Application Situation

A defect was found on a diesel line on an offshore platform while inspection was being done. The line had a leak that caused it to be shut in and drained out. This caused an immediate issue and a solution was needed. The decision to either apply a mechanical clamp or a Belzona wrap were in question. They decided to apply a Belzona wrap to provide more time until a permanent spool can be fabricated and sent out to replace the line.

Application Method

1. Surface preparation using needle guns, SSPC-SP 11

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Belzona products are

FS 695214

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2. Plug the hole with Belzona 9611
3. Fill pitting and smooth out defect area with Belzona 1161
4. Apply SuperWrap II per design using Belzona 1982, 9381, and 9382.

Belzona Facts

SuperWrap II Trained personnel are onboard platform at all times, along with SuperWrap II repair materials stocked on site. Design was created and sent to the team within 24 hours, and the crew were able to execute and complete the repair quickly. This was a quick action preventative measure to give them time to find the proper spool piece and replace the pipe. Our quick response and quality products provide give the client added time to find a permanent solution without the added costs of having to expedite that solution.

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