

Belzona 1111 Solves Hairline Crack in Fiberglass Tank

ID: 9526

Industry: Other
Application: TCC-Tanks and Chemical Containment Areas
Substrate: Other
Products: Belzona 1111 (Super Metal)

Customer Location: Jasper, AL
Application Date: August 2024

Problem

This refinery has 18 year old fiberglass holding tanks that have been in use. A hairline crack formed underneath the flange and a fluid had begun to weep out causing a loss.



Before: Yellow Dots mark the crack, we cleaned the area with Acetone



During: We used a tough flapper disk to obtain an appropriate profile on the fiberglass tank.



After: We applied 1 coat of Belzona 1111 with Reinforcement Cloth Engrained.



Finalized application.

Application Situation

Our client needed a quick fix to solve this hairline crack because it put them down to only being able to pull from 1 out of 2 tanks at the refinery. Rather than waiting on contractors or a drawn out timeline, they called us.

Application Method

First, we cleaned the fiberglass and fluid up using Acetone after the fluid level was dropped below the crack. We proceeded to use a flapper disk attached to a grinder to get a good profile on the fiberglass (hairy fibers). We proceeded to tape the area using duct tape while simultaneously measuring the amount of reinforcement cloth needed. Once prepared, we engrained 9341 on the board with 1111, first painted a layer of 1111 on the tank, and then placing the strips of cloth into the 1111, finishing by encapsulating a final layer of 1111.

Belzona Facts

A quick alternative to fiberglass repair.

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

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