

# Water Leak in a Spool

ID: 10109

**Industry:** Steel & Metal Processing

**Customer Location:** Decatur, AL

**Application:** VPF-Valves, Pipes and Fittings

**Application Date:** April 2019

**Substrate:** Carbon steel

**Products:** Belzona 1111 (Super Metal), Belzona 9611 (ES-Metal), Monti® MBX® Bristle Blaster®

## Problem

The spool had deteriorated over the years and created a wear area that caused a leak.



Assessing the situation before beginning. You can see the live leak. This is where we came up with the plan to stop the leak using Belzona 9611 and 1111 with reinforcement cloth.

Next we cleaned and prepped the surface area using a MBX Bristle Blaster to create a profile for the Belzona to adhere to.

Once the preparation was completed we used Belzona 9611 in the form of a Hershey Kiss and plugged the hole and applied a tourniquet to hold the 9611 in place for about 10-15 minutes.

To complete the application, we applied Belzona 1111 to the surface area and to the reinforcement cloth and wrapped the entire spool.

## Application Situation

The cost savings on this application was huge. Over a half of a million dollars to be exact. They would have had to shut down the process to over half the facility for 1-2 days just to cut the water off to this area and replace the spool. We had no down time and cure time was only a couple of hours,

## Application Method

We used 100% MEK to clean the surface with followed by a MBX Bristle Blaster to prep the surface area. We used the applicator pad provided by Belzona to apply the 1111.

## Belzona Facts

Cost savings were over half a million dollars. Other alternative was to replace the spool.

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ISO 9001:2015

FS 695214

ISO 14001:2015

EMS 695213

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