

# Belzona 1984 Surface Tolerant Super Wrap II

ID: 10144

**Industry:** Steel & Metal Processing

**Customer Location:** Memphis, TN

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

**Application Date:** April 2025

**Substrate:** Carbon steel

**Products:** Belzona 1984, Belzona SuperWrap II, Monti® MBX® Bristle Blaster®

## Problem

The client was dealing with a serious issue of thin walled piping.



This picture allows you to see how we prepped the surface with a MBX bristle blaster.

The photo show you how large this pipe was compared to one of our applicators.

Here you can see we wrapped the pipe with three Belzona Carbon-Glass Fiber Super Wraps.

Completed photo of Belzona 1984 Carbon-Glass Fiber Super Wrap II

## Application Situation

We were able to reduce down time for this application by a great deal due to using Belzona 1984. Cost savings would have been over one million dollars if the would have waited and had to replace the pipe. .

## Application Method

For this application we used an MBX Bristle Blaster and a grinder to prepare the surface. Followed by cleaning with 100% non-recycled MEK. Once the pipe was prepped and cleaned we the pre-fit the Belzona Super Wrap II then cut three wraps. Then we pre-fit the consolidation tape. Followed by mixing Belzona 1984 to Belzona specs. Next we mixed the 1984 into the Super Wrap II and applied to the surface area followed by applying the Super Wrap II to the pipe with three separate wraps to ensure proper thickness. Finally completing the wrap system by applying the red consolidation tape. We used a temperature reader along with surface temperature and humidity readings to ensure proper working environment. This application required a six month inspection by the client. It was recently inspected in October 2025 and was passed by client and contractor.

## Belzona Facts

We were able to save our client upwards of one million dollars using this application of Belzona 1984. The other alternative was

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ISO 9001:2015

FS 695214

ISO 14001:2015

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replacing the pipe which would have had our client down for many days. Our client chose Belzona from past applications and customer testimonials.

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