

# Belzona SuperWrap II for Pitted Piping

ID: 8592

Industry: Power  
Application: VPF-Valves, Pipes and Fittings  
Substrate: Carbon Steel  
Products: \* Belzona 1212 ,  
\* Belzona 1161 (Super-UW Metal) ,  
\* Belzona 1982 ,  
\* Belzona 9381 ,

Customer Location: Houston  
Application Date: March 2020

## Problem

Localized corrosion in the form of deep pits was on the verge of holing through.



## Photograph Descriptions

- \* 1. Defective Asset ,
- \* 2. Graphic for Design Package ,
- \* 3-4. Final Repair ,

## Application Situation

Piping near a cooling tower was severely corroded due to cooling tower mist.

## Application Method

Wire brush preparation was performed around critical defects. Belzona 1212 was then used to cover critical defects. Once Belzona 1212 became machinable, a MBX was used to create an SSPC-SP 11 surface cleanliness level on the surrounding good metal. Belzona 1161 was used to smooth out the repair area and SuperWrap II was applied in a patch form as a 6 layer system.

## Belzona Facts

Propylene Line 100 F 50 psig Repair was designed with ASME Article 401

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

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