

Belzona Repairs and Reinforces Crack and Weakened Sewage Pipe in Polymer Plant

ID: 9542

Industry: Chemical & Petrochemical

Customer Location: Thorold, ON

Application: VPF-Valves, Pipes and Fittings

Application Date: September 2024

Substrate: Stainless-steel

Products: Belzona 1212, Belzona 1982 (SuperWrap II), Belzona SuperWrap II

Problem

Stainless Steel pipe carrying sewage water with polymer particles was cracked and leaking. Customer was convinced after extensive scrutiny and technical support.



Pipe before surface preparation.



Pipe after surface preparation



After application of Belzona 1212.



After application of SuperWrap II system.

Application Situation

Customer was having issues with a wrap system being used for repairs as it does not adhere properly and has poor performance against steam and chemicals at elevated temperature. Belzona Super wrap II was introduced to customer and application was carried out by the consultant with the maintenance team in attendance and helping out.

Application Method

Surface preparation was carried out using Acetone to clean the surface of the pipe before power tool cleaning. The surface was again cleaned with Acetone and allowed to dry. Then, Belzona 1212 was applied and allowed to stabilize. Afterwards, the Belzona Superwrap II system was installed and consolidated.

Belzona Facts

Belzona 1212 and Superwrap did not only surpass customers' imagination during application but also after it was put to service 24hours later. Customer acknowledged its superiority in terms of performance over previously used wrap systems.

For more examples of Belzona Know - How In Action, please visit <https://khia.belzona.com>

ISO 9001:2015

Belzona products are

FS 695214

manufactured under an ISO

ISO 14001:2015

9000 Registered Quality

EMS 695213

Management System.

www.belzona.com

