

# Belzona SuperWrap II Patch Repairs Leaking Vessel Welds

ID: 8666

Industry: General Industry  
Application: TCC-Tanks and Chemical Containment Areas

Customer Location: Scotland  
Application Date: October 2021

Substrate: Stainless steel

Products: \* Belzona 1111 (Super Metal) ,  
\* Belzona 1981 (SuperWrap II) ,  
\* Belzona 9381 ,

## Problem

Welding was undesirable due to the potential for further cracking in the welds. This could potentially cause even more leaks.



## Photograph Descriptions

- \* 1 - Surface preparation carried out ,
- \* 2 - Belzona 1111 applied to fair the surface ,
- \* 3 - Wrap system applied & consolidated using formers & straps to compress ,

## Application Situation

Stainless steel vessels had developed pinhole leaks around welds. A cold applied & fast back to service repair was required to seal these leaks during a shutdown.

## Application Method

The areas were first prepared using an MBX Bristle Blaster. Belzona 1111 Supermetal was applied to fair any defects. A four layer patch system was created using Belzona 1981 SuperWrap II resin, and Belzona 9381 reinforcing sheet. This application was completed in accordance with Belzona system leaflet TCC-1.

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

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## Belzona Facts

These cold applied patch repairs were completed in one day, saving the customer time & money.

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