

# BELZONA REPAIRS IRRIGATION PIPES

ID: 333

**Industry:** General Industry  
**Application:** VPF-Valves, Pipes and Fittings  
**Substrate:** Aluminum Alloy  
**Products:** \* Belzona® 1221 (Super E-Metal) ,  
\* Belzona® 9341 (Reinforcement tape) ,

**Customer Location:** Arable farm in the U.K.  
**Application Date:** May 1995

## Problem

*Pipes develop leaks at welded couplings and weld repairs have proven ineffective and in several cases aggravated the situation.*



## Photograph Descriptions

- \* Sections of pipe waiting to be used ,
- \* Close up of pipe couplings where leaks occur and show ineffective welding ,
- \* Belzona® 1221 (Super E-Metal) being applied ,
- \* Application being completed with Belzona® 9341 (Reinforcement Tape) incorporated into the repair ,

## Application Situation

Aluminum pipes used to provide local irrigation to crops.

## Application Method

The application was carried out in accordance with Belzona Know-How System Leaflet VPF-11a.

## Belzona Facts

Local flooding caused by the leaks leads to loss of crops in the immediate vicinity, apart from overall loss in irrigation efficiency. Belzona® 1221 (Super E-Metal) is ideal for carrying out in-situ repairs when necessary.

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

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

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manufactured under an ISO  
9000 Registered Quality  
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