

# Belzona Protects River Back-Flow Valves

ID: 7563

**Industry:** Water / Wastewater  
**Application:** VPF-Valves, Pipes and Fittings  
**Substrate:** Iron  
**Products:** \* Belzona 1111 (Super Metal) ,  
\* Belzona 5811 (Immersion Grade) ,  
\* Belzona 2211 (MP Fluid Elastomer) ,

**Customer Location:** Water management company, Slovakia  
**Application Date:** 2011

## Problem

The valves suffered from erosion and corrosion through continued use. The valve was so badly damaged that it leaked even when shut.



## Photograph Descriptions

- \* 1. Leaking back-flow valve before reconstruction. ,
- \* 2. Valve after blasting. ,
- \* 3. Shut off flap coated with Belzona 5811 and Belzona 2211. ,
- \* 4. Valve back in operation. ,

## Application Situation

River backflow valves at a water treatment plant.

## Application Method

Application was carried out in accordance with Belzona Know-How System Leaflet VPF - 1.

## Belzona Facts

A Belzona repair avoiding costly repairs or replacement. This repair got the valve back in operation faster than traditional methods and with minimal disruption to the plant operation.

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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