

Belzona rescues swimming pool pipework

ID: 9535

Industry: Buildings & Structures
Application: VPF-Valves, Pipes and Fittings
Substrate: GFRP
Products: Belzona 1161 (Super UW-Metal)

Customer Location: Nottinghamshire
Application Date: August 2023

Problem

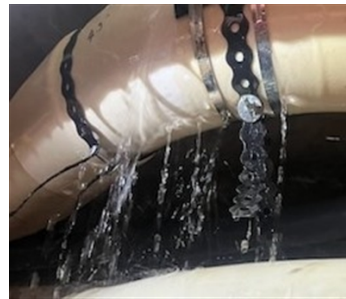
At 10:00 pm, a large leak was identified underneath a large recreational pool, spa and flume complex on a Holiday Facility. The Site Services Manager was extremely worried about the severity of the leak, which rapidly became worse. Around midnight, a message was received by the local Senior Sales Engineer to request an emergency team attend site with a view to carrying out a temporary repair. A contractor was available and mobilisation was carried out the next day, as was a successful repair, winding the service main back up to full pressure.



First identified



Huge amounts of water leaking from the leisure pool supply main



Previous repair which had catastrophically failed



Full application and reinforced wrap using Belzona 1161 and Belzona 9341

Application Situation

A replacement pipe and associated fixings could not be sourced locally. The Site Manager was expecting months before being able to replace the hardware.

Belzona and the contractor responded to repair the leaks within 16 hours of the problem being initially identified

Application Method

Pipe isolated from service

Surface abraded using bristle blaster to create a rough surface

Patch secured using jubilee clips

Belzona 1161 Surface tolerant paste grade and Belzona 9341 reinforcing sheet applied

Service pressure applied and no leaks identified

Full pressure employed - No leaks

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

Belzona products are
 manufactured under an ISO
 9000 Registered Quality
 Management System.

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 Repair • Protect • Improve

Belzona Facts

An estimate of over 50 litres of processed water a minute was leaking. The lost water, energy from heating it and the cleaning up process, as well as the possible damage from flooding was estimated to threaten the company with £1000's. costs.

A year on and the repair is still effective, showing no signs of leaks or water loss

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