

BELZONA SEALS CORRODED SEWAGE PIPE AT BUSY POLICE HEADQUARTERS

ID: 4678

Industry: Buildings & Structures
Application: VPF-Valves, Pipes and Fittings
Substrate: Cast Iron
Products: * Belzona 1291 (ES Metal) ,
* Belzona 1161 (Super UW Metal) ,

Customer Location: Police Headquarters, Bedfordshire UK
Application Date: March 2013

Problem

The customer had tried to cure the leak by wrapping a type of adhesive tape around the corroded area. When this failed they contacted Belzona for a fast, cost effective, permanent and quiet solution.



Photograph Descriptions

- * Corroded pipe wrapped with adhesive tape ,
- * Adhesive tape removed showing corroded hole and crack ,
- * Corroded area after cleaning and then abrading with MBX Bristle Blaster ,
- * Completed repair ,

Application Situation

A 4" cast iron sewage pipe behind toilets on the 3rd floor started leaking at the point where 4 x pipes connect, causing water damage to the toilet blocks on both floor levels below.

Application Method

Application was carried out in accordance with Belzona Know How System Leaflet VPF-11. After removing the adhesive tape installed by the customer, the corroded and leaking area was cleaned down and then abraded using MBX Bristle Blaster to create a profile, which created a larger hole. This enlarged hole was gradually filled with Belzona 1291 until sealed and then wrapped over with Belzona 1161 incorporating Belzona 9341 (Reinforcing Tape).

Belzona Facts

The customer had been quoted £4000-£4500 for the corroded "cross connector" to be cut out using a grinder (which would be very

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ISO 9001:2015
Q 09335
ISO 14001:2015
EMS 509612

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noisy, time consuming and difficult) and a new part installed. For this expensive solution the toilet blocks on all 4 floor levels would need to be closed for 4-5 days. Instead, approx. £120 of Belzona materials were used, the repair took 2 hours and all the toilet blocks were back in service within 4 hours of being closed.

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