

BELZONA SEALS REMOTE PUMP HOUSE FLOORS

ID: 6092

Industry: Water / Wastewater

Customer Location: Water Company, Teesside, UK

Application: FPA-Floor Problem Areas

Application Date: 2011

Substrate: Concrete Floor with Steel Trims

Products: * Belzona 5231 (SG Laminate) ,
* Belzona 2121 (D & A Hi-Coat Elastomer) ,
* Belzona 9341 (Reinforcement Tape) ,

Problem

The client had a series of remote pump houses with diesel storage tanks inside and these facilities were seldom visited. Should there be a leak of diesel, it could be weeks before it was discovered and it was known that the floors would not hold fluids reliably. Previously the floors have been coated with a conventional solvent based paint and angled edging trims had been fixed to the floor to try and create a containment area. Both of which had failed.



Photograph Descriptions

- * One of the remote pump houses ,
- * Existing floor during initial inspection ,
- * Belzona 2121 being applied to seal the edging trim ,
- * Application completed in 2011 ,

Application Situation

Floors in remote pump houses.

Application Method

Application was carried out in accordance with Belzona Know-How System Leaflets FPA-3 and FPA-7. Following surface preparation, 2 coats of Belzona 5231 were applied to the concrete floor. The joint between the steel edging trim and the floor was then sealed by applying a narrow band of Belzona 2121, reinforced with Belzona 9341.

Belzona Facts

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

ISO 9001:2015

Belzona products are

FS 695214

manufactured under an ISO

ISO 14001:2015

9000 Registered Quality

EMS 695213

Management System.

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Belzona 5231 and Belzona 2121 offered a simple, solvent free application, and sealed the floor spaces in case of tank breaches. The system also offered good slip resistance under foot as part of the application. The client was delighted with the results and immediately rolled the same solution out to a further 2 pump houses.

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