

BELZONA LINING FOR HEAT EXCHANGER SUMP

ID: 911

Industry: Heating, Ventilation & Air Conditioning

Application: TCC-Tanks and Chemical Containment Areas

Substrate: Concrete

Products: * Belzona® 4141 (Magma Build) ,
* Belzona® 4181 (Magma AR Screed) ,

Customer Location: Major Hospital, NE Scotland

Application Date: March 2004

Problem

The system required a sump for the waste water to pass through, and having drilled it from solid concrete, it had to be lined and sealed.



Photograph Descriptions

- * Sump drilled out ,
- * Cutting inlet and outlet channels to laundry drain ,
- * Walls rebuilt with Belzona® 4141 and paving slab installed ,
- * Sump screeded with Belzona® 4181 ,

Application Situation

The hospital decided to recover heat from the waste water in their laundry by installing a heat exchanger.

Application Method

Application carried out in accordance with modified version of System Leaflet TCC-9. First a new base to the sump was created using a paving slab. Belzona® 4141 was applied to fill the damage caused by the drill cores. Belzona® 4181 was then screeded over the entire surface to provide heat resistance.

Belzona Facts

Prior to the Belzona solution they had been looking at trying to cement line then insert a stainless steel box liner.

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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