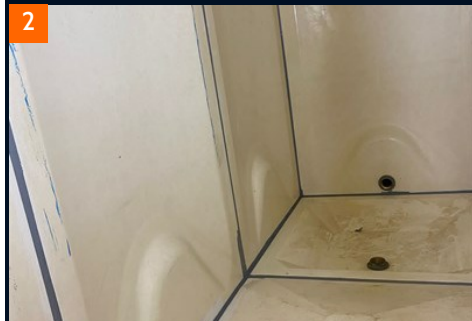


BELZONA SEALS LEAKS IN CLEAR WATER STORAGE TANK

ID: 8915



PROBLEM

Due to the design of the tank sealing these joints from the external is very challenging. A solution that ensured the leaks would be stopped was required. The flexibility of the GRP also had to be considered during load/unloading of the tank.

APPLICATION SITUATION

A clean water storage tank had developed several leaks from the sectional joints that hold the tank together.

APPLICATION METHOD

The GRP areas were prepared mechanically to a 40 micron profile. It was decided to repair all the joints to ensure no leaking areas were missed. Belzona 1111 Supermetal was applied to fill the gap inbetween the joints. Belzona 1981 with Belzona 9381 was then applied as a band over the joint areas.

Two coats of Belzona 5811 DW2 were then applied over the bands to terminate back onto the GRP of the tank.

BELZONA FACTS

By using the Belzona system the tank could be repaired promptly with minimal disruption to the tank & surrounding areas of the plant. The Belzona 1981 SuperWrap II system is able to cope with the movement of the tank during the loading/unloading cycles.

INDUSTRY

Water / Wastewater

LOCATION

Scotland

APPLICATION DATE

November 2022

PRODUCTS

Belzona 1981 (SuperWrap II)

Belzona 5811DW2 (DW Immersion Grade)

SUBSTRATE

GFRP

PHOTOS

1. Storage tanks
2. Belzona 1111 applied to fair the gaps between the tank sections
3. Belzona SuperWrap 2 system applied to the tank joints
4. Belzona 5811DW2 applied as a top coat

For more examples of Belzona Know-How in Action, please visit khia.belzona.com

Belzona products are manufactured under an ISO 9001 Registered Quality Management System.

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