

BELZONA REPAIR MAKES A RIVETTING STORY

ID: 1602



PROBLEM

Some of the riveted seams were leaking through blistering of the anti corrosive paint. If the blisters were pierced then the fuel oil would leak out. The tank was 14m diameter and 9.85m high.

APPLICATION SITUATION

Storage tank for petroleum fuels

APPLICATION METHOD

Works were carried out in accordance with Belzona Know-How System Leaflet TCC-1. The leaking areas were prepared initially by wet slurry blasting, as the potentially explosive oil would not permit gritblasting or grinding. Belzona® 1111 was applied followed by Belzona® 9341 (Reinforcement Tape). Two coats of Belzona® 1321 completed the application.

BELZONA FACTS

Belzona repairs allowed tank to be safely re-instated without hot work and proved totally successful until the tank was eventually de-commissioned.

INDUSTRY

Buildings & Structures

LOCATION

Oil Blender, Duisburg, North-Rhine Westphalia, Germany

APPLICATION DATE

June 1996

PRODUCTS

Belzona 1111 (Super Metal)

Belzona 1321 (Ceramic S Metal)

SUBSTRATE

steel plating

PHOTOS

1. Overview of tank
2. Preparation of seams
3. Application of Belzona 1111
4. Application of Belzona 1321

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

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