

BELZONA REPAIRS LEAKING TANK AT FOOD FACTORY

ID: 5977



PROBLEM

Horizontal steel tank was suffering from corrosion, which had led to through-wall defects, all located at the bottom of the vessel. The customer had been using wooden pegs to plug the holes.

APPLICATION SITUATION

Steel tank carrying unsaturated fatty acids at a food factory.

APPLICATION METHOD

The application was carried out in accordance with Belzona Know-How System Leaflet TCC-1. Belzona 1161 was selected to bond metal plates over the defects. Each of these areas were then coated with Belzona 5811 to protect from further corrosion damage.

BELZONA FACTS

The customer was after a quick fix as opposed to a long-term solution. Also, the tank was rotated in order to relocate the holes in the upper surface of the tank, thus preventing pressure leaks. Belzona 1161 surface tolerant properties ensured high bond strength to the contaminated tank surface.

INDUSTRY

Food & Drink

LOCATION

Food Producer, Skopje, Macedonia

APPLICATION DATE

November 2015

PRODUCTS

Belzona 1161 (Super UW-Metal)
Belzona 5811 (Immersion Grade)

SUBSTRATE

Carbon Steel

PHOTOS

1. Wooden pegs plug leaking tank
2. Surface preparation around defect
3. Metal plates bonded with Belzona 1161
4. Repairs coated with Belzona 5811

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