

BELZONA PRE-STRESSED CONCRETE BEAMS

ID: 24



PROBLEM

Concrete severely eroded over time.

APPLICATION SITUATION

Scale Beams of the refinery truck scale, originally installed in the 1970s.

APPLICATION METHOD

Application was carried out in accordance with a modified version of Belzona Know-How Leaflet TCC-9.

BELZONA FACTS

The cost of replacement versus repair of the beams was a key factor. The ability to force-cure the product with heat resulted in reduced downtime.

INDUSTRY

Oil & Gas

LOCATION

Oil Refinery in Canada

APPLICATION DATE

September 1998

PRODUCTS

Belzona 4911 (Magma TX Conditioner)
Belzona 4111 (Magma-Quartz)

SUBSTRATE

Pre-stressed concrete

PHOTOS

1. Area of worst damage, re-bar and bottom metal spine being repaired.
2. Application in progress. Note the polyethylene covered plywood being used as a former.
3. Completed repair.

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