

BELZONA FOR COOLING TOWER BASINS - EVEN IN COLD WEATHER

ID: 500



PROBLEM

Lack of protective coating allowed for leaks to develop.

APPLICATION SITUATION

Cooling tower basin

APPLICATION METHOD

Application was carried out in accordance with a modified version of Belzona Know-How System Leaflet TCC-5.

BELZONA FACTS

After postponing repairs for 4-5 years, the basin was leaking enough to force the issue. After surface preparation by grit blasting, there were many pin holes, but all were too small to allow the Belzona® 5811 to leak through so an impervious surface was achieved. Two cooling tower basins were protected in cold weather by placing heaters below the basin, and a tarpaulin across the top, so raising the interior temperature to 65°F (18°C).

INDUSTRY

Power

LOCATION

Electrical contracting company - Missouri, USA

APPLICATION DATE

December 2003

PRODUCTS

Belzona 5811 (Immersion Grade)

SUBSTRATE

Carbon steel

PHOTOS

1. Side of tower, showing opening
2. Interior, corroded
3. First coat of Belzona 5811
4. Final coat of Belzona 5811 - ready for service

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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