Know-How *in Action*

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BELZONA FOR COOLING TOWER BASINS - EVEN IN COLD WEATHER

CUSTOMER
Electrical contracting company - Missouri, USA

APPLICATION DATE
December 2003

APPLICATION SITUATION
Cooling tower basin

PROBLEM
Lack of protective coating allowed for leaks to develop.

PRODUCTS
Belzona® 5811 (Immersion Grade)

SUBSTRATE
Carbon steel

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).

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

1.

2.

3.

4.

ISO 9001:2008
Q 09335
ISO 14001:2004
EMS 509612

Belzona products are manufactured under an ISO 9000 Registered Quality Management System.

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