

BELZONA KEEPS THE SHOWERS HOT & CLEAN AT HOTEL

ID: 1370

Industry: Water / Wastewater

Application: HEX-Heat Exchangers

Substrate: Steel

Products: * Belzona® 1511 (Super HT-Metal) ,
* Belzona® 1391 (Ceramic HT Metal) ,

Customer Location: International Hotel, Malta

Application Date: August 2005

Problem

Breakdown of the original coating system had resulted in severe corrosion, deep pitting and through holes around the heating bundle. In addition the corrosion led to discolouring of the hot water supply in this prestige international hotel, leading to customer complaints.



Photograph Descriptions

- * Corrosion damage after failure of the original coating ,
- * Tube bundle nozzle, before preparation for coating ,
- * Completed application ,
- * Inspection after 8 months in service ,

Application Situation

Hot water calorifier tank operating at 75°C (167°F). The tube bundle has an inlet temperature of 100°C (212°F) and outlet temperature of 60°C (140°F).

Application Method

The application was carried out in accordance with Belzona Know-How System Leaflets HEX-2, HEX-4 and HEX-5.

Belzona Facts

The client was looking for a quick and economic long term solution to this image damaging problem. Only the affected area was rebuilt and the Belzona coating overlapped onto the original coating. An initial inspection after 8 months showed no breakdown and the solution was subsequently applied to the second calorifier. After 4 years in operation the hotel maintenance manager confirmed

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ISO 9001:2015
FS 695214
ISO 14001:2015
EMS 695213

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

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Repair • Protect • Improve

that the Belzona coating is in the same perfect condition.

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