

BELZONA REPAIRS AND PROTECTS CORRODED EXHIBITION SUPPORTS

CUSTOMER

Museum, Bristol, UK

APPLICATION DATE

September, 2015

APPLICATION SITUATION

A museum located in Bristol city centre had an exhibit which uses 5% Brominated Water.

PROBLEM

During the life of the exhibition, the metal support structure underneath the exhibition was heavily corroded by the oxidising nature of the Bromine Water. The museum were concerned about the corrosion and thus the decreasing strength of the supports.

PRODUCTS

Belzona 1111 (Super Metal)

Belzona 5811 (Immersion Grade)

Belzona 5111 (Ceramic Cladding)

SUBSTRATE

Steel

APPLICATION METHOD

Application was carried out in accordance with Belzona Know-How System Leaflet TCC-5. The corroded metal structure was blasted back to bare metal using sponge blasting as the client was concerned about the dust created by using regular grit blasting. Areas that were especially corroded and damaged were rebuilt using Belzona 1111. Belzona 5811 was applied with a top coat of Belzona 5111 to protect against oxidation and provide a good colour match.

BELZONA FACTS

The Belzona application was considerably cheaper and easier than a complete replacement of the support structure. It provided a quick turnaround time that will provide long term corrosion protection.

PICTURES

1. Supports before application
2. Supports before application
3. Application of 5811 underway
4. Finished application showing close colour match achieved with Belzona 5111



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