

Belzona Launches Underwater & Oil Tolerant Metal Repair Product

Belzona Polymerics Limited has drawn on its 56 years of expertise in the manufacture of industrial protective coatings and polymer repair composites to launch an exciting new repair solution for applications within oily and damp environments.

Repairs that are normally considered impossible due to oil contamination or surface moisture can now effectively be carried out using this new and innovative repair composite. Belzona 1831 (Super UW-Metal) is capable of bonding strongly to oily, wet and manually prepared metal substrates and has been particularly successful within the Power Industry.

Gordon Cairns, National Sales Manager for Belzona explains, "The product was initially developed to combat the problems encountered within ageing transmission systems. Many outdoor transformer substations that have been subject to erosion corrosion for over 20 years commonly have oil leakage which leads to breakdown of fins, flanges, valves, seals and pipe work. Where conventional repair composites would be ineffective at stemming these leaks due to the presence of oil, Belzona 1831 (Super UW-Metal) effectively displaces the oil from the surface enabling the repair to take place, with minimal production loss".

A UK electricity distribution company was faced with a potentially high cost maintenance repair due to oil leakage from transformer pipe work. Traditional repairs involving expensive drain down of the oil were considered too costly in terms of lost power supply. Belzona 1831 (Super UW-Metal) was applied directly onto the leaking pipe work displacing the oil and bonding aggressively to the contaminated surface. To provide long term corrosion protection and prevent further leakage the pipe work was then fully encapsulated in a standard Belzona material. The entire process was carried out in less than two hours which enabled a prompt return to service.



- Through an aggressive research and development programme spanning decades Belzona has continuously developed market driven solutions to meet the ever increasing demands of industry and commerce.

- To support the International Belzona network and meet the needs of customers worldwide, Belzona will provide specialist engineering support from a dedicated team of qualified industry professionals. This team, operating from three Belzona centres in Europe, America and Asia will utilise their extensive knowledge and experience to train and advise customers, Distributors and Consultants on the use and application of Belzona products.

- At its UK centre, the full Belzona product range is manufactured to stringent quality and environmental control guidelines complying with the internationally recognised requirements of ISO 9001:2000 and ISO 14001:2004.



BELZONA[®]
Repair • Protect • Improve

www.belzona.com

Belzona Polymerics Limited
Claro Road
Harrogate
HG1 4DS
Tel: 01423 726 103
Email: sales@belzona.co.uk

