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Pioneers for 70 Years: Celebrating 70 Years of Belzona



Since 1952, one of Belzona's longstanding remits has been: 'Conserving Human-Made Resources'. Thanks to countless hours of hard work, dedication and passion, Belzona's global Team has been able to provide polymeric solutions that breathe new life into assets across numerous application areas and industries all around the world. Indeed, Belzona now hosts an impressive network of 140 international Distributors operating in over 120 countries.

For 70 years, Belzona has helped numerous clients to avoid asset decommissioning and replacement and instead, has actively improved their assets using industrial coatings and repair composites for the long term. In

turn, the Belzona Solution, facilitated by a team of dedicated Distributors, helps to support a greener future for the planet, which is absolutely fundamental to Belzona's ethos.



Tube sheet suffering from corrosion and chemical attack



Application of high-temperature epoxy coating, [Belzona 1391T](#) to protect tube sheet
Engineering a More Environmentally Sustainable Future

Commenting on the positive environmental impact that can be achieved by investing in Belzona systems,

Jérémie Maillard, Export Sales Director at Belzona Polymeric, said:

“Protecting and repairing existing assets is key in helping customers to reduce their carbon footprints. For example, being able to repair the casing of a centrifugal pump, giving it a second life, will have a significantly lower carbon footprint than having to replace the equipment. This concept of repair is not new: Belzona has been around for 70 years, but the environmental benefits have never been as important as they are today.

If an operator, whether a wastewater plant or a major oil and gas customer, needs to scrap a piece of equipment, they will have to factor in the economic cost of replacement. Also, more importantly, they will have to factor in the environmental impact: cost of disposal of the old equipment and the impact of making and shipping the new equipment. Considering the ease in which these drawbacks can be bypassed simply by calling a local Belzona Engineer, there are massive savings, both financial and environmental to be gained.”



Jérémie Maillard, Export Sales Director at Belzona Polymeric

Environmentally Sustainable Business Practices



Belzona is committed to investing in environmentally sustainable practices

In addition to the carbon mitigation that can be achieved through investment into Belzona's protective coatings and composite repair systems, Belzona is also committed to investing in environmentally sustainable practices within the business. The following examples showcase this commitment:

- Development of Products with High Levels of Renewable Carbon Content

The Belzona Research and Development Team are currently in the process of formulating products made from bio-based materials that are produced from sustainable plant-based feedstocks, rather than the traditional fossil-fuel based ingredients.



R&D are in the process of formulating greener products

- Maintenance of Equipment to Ensure Efficiency

Regular maintenance is carried out by Original Equipment Manufacturer (OEM) and in-house Plant & Facilities Reliability (PFR) teams to ensure that critical equipment continues to run efficiently, and new equipment is purchased when required.

- Products Supplied in Unit Sizes Designed to Minimize Waste

Taking into account the product's usable life and potential applications, the unit size of each product is carefully considered to ensure that minimum waste is created.



Unit sizes carefully considered to ensure that minimum waste is created

- UN Cartons with Reduced Cardboard Content and Increased Strength

Thanks to manufacturing technology improvements, Belzona's cardboard packaging is stronger than previous packaging, but has less fibre weight. In turn, this creates a reduced environmental impact.



UN cartons with reduced cardboard content and increased strength

- Quarterly Site Environmental Audit

This includes the monitoring of various areas within the business (compliance, site drainage, waste management etc.), to ensure that environmental requirements are being fulfilled.



Quarterly site environmental audit ensures environmental requirements are being fulfilled

Long-term Commitment to Climate-Friendly Business Practices

Just as Belzona continues to find ways to extend the lifespan of buildings, structures, machinery and equipment, Belzona as a business is also committed to reducing its impact on the environment. With the ongoing adoption of climate-friendly practices, such as those outlined above, Belzona will continue to make important steps that move the business towards an increasingly environmentally sustainable future.



Photo by Karsten Würth on Unsplash

For more information on Belzona polymeric technology, please visit: www.belzona.com