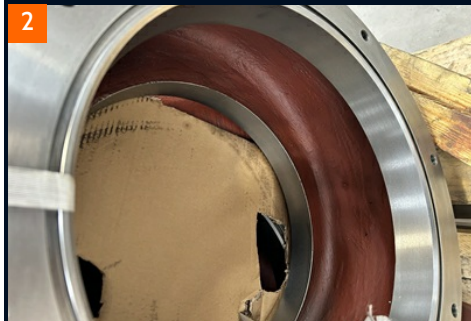


EXTENDING PUMP LIFE WITH BELZONA 1321 CERAMIC LINING

ID: 9872



PROBLEM

Customer had commissioned three Single Stage End Suction pumps with removable suction covers. They wished to add protection from sewage water and increase life expectancy of the new pumps.

APPLICATION SITUATION

The customers wished to increase protection and extend life expectancy of assets

APPLICATION METHOD

Surface preparation was carried out by grit blasting all areas in our state-of-the-art blast booth.

The steel substrate was prepared to achieve a minimum surface profile of 75 µm and a surface cleanliness standard of SA 2½.

Following this, our technicians applied a two-coat protective system of Belzona 1321, with each coat applied to a target thickness of 375 µm.

Once all works were completed, the coated components underwent a final inspection

BELZONA FACTS

Belzona 1321 (Ceramic S-Metal) solution increases assets life expectancy by protecting against erosion-corrosion.

INDUSTRY

Water / Wastewater

LOCATION

Cirencester

APPLICATION DATE

July 2025

PRODUCTS

Belzona 1321 (Ceramic S-Metal)

SUBSTRATE

Cast Iron

PHOTOS

1. End suction pumps delivered to our state-of-the-art facility
2. The pumps are grit blasted to a minimum surface profile
3. Two coats of Belzona 1321 are applied to end suction pumps
4. Solution is completed and pumps were sent to customer, ready to be installed with added protection.

For more examples of Belzona Know-How in Action, please visit khia.belzona.com

Belzona products are manufactured under an ISO 9001 Registered Quality Management System.

www.belzona.com

