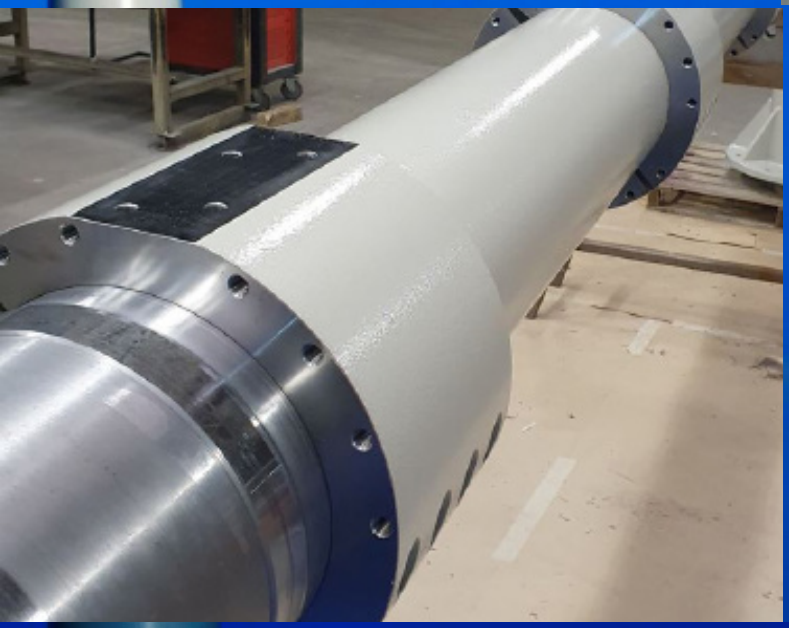
CORROCOAT

Corrosion Protection for Wind Turbines

A leading innovator in wind turbines, based in the US and the Netherlands, has installations across Rotterdam, Amsterdam, parts of Germany, Israel and Colombia. The company produce efficient advanced aerodynamic tulip shaped wind turbines, which aim to deliver wind energy for everyone. The company's aim is to make small wind farms a leading player in the green energy industry, with no environmental degradation.



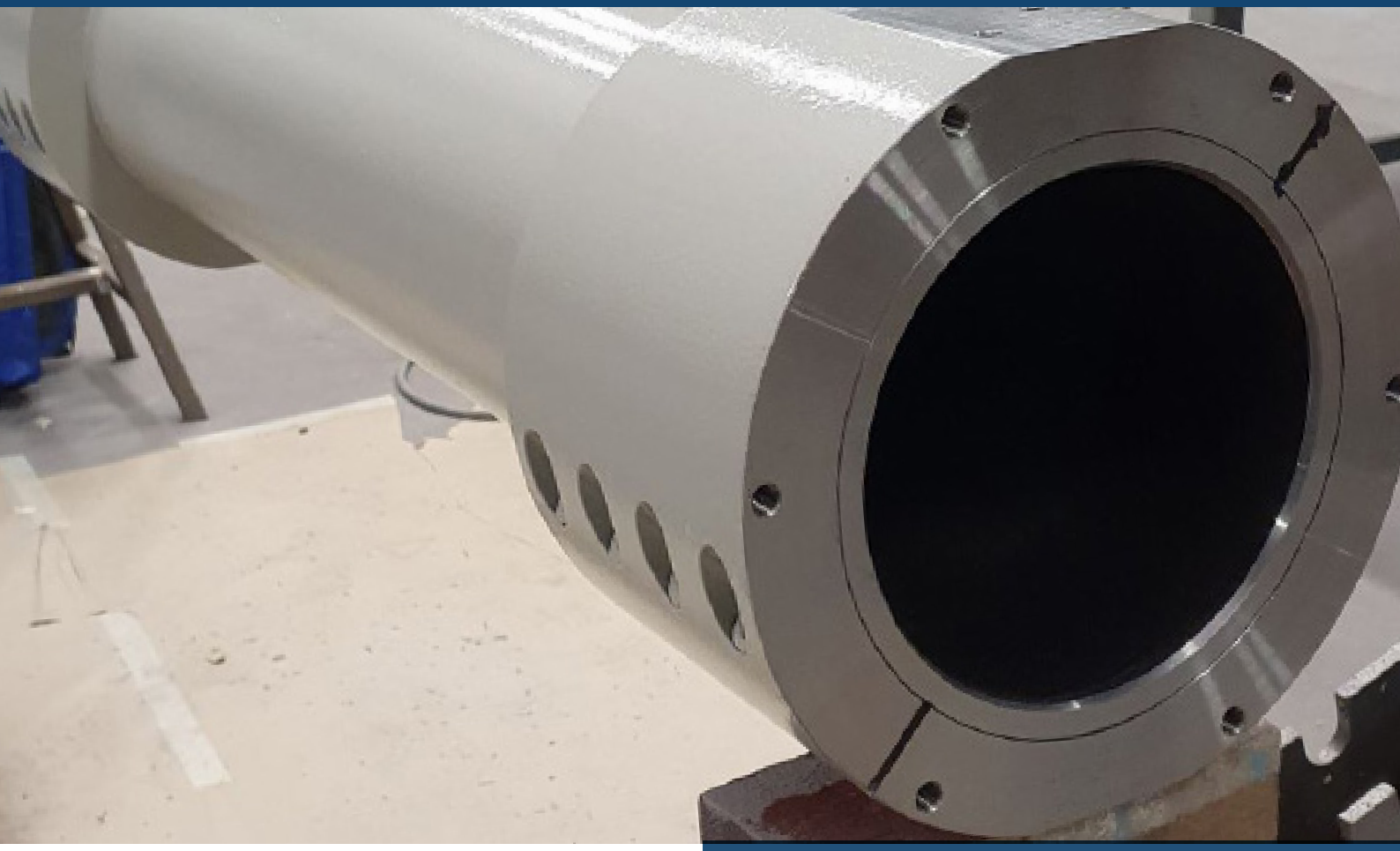
Following great success, the company started developing larger wind turbines. As a result, our partners in the Netherlands, Corrocoat Benelux, recently received the first parts to provide corrosion protection for a wind turbine. The turbine would be installed in a coastal environment, at The Maasvlakte; a massive man-made westward extension of the Europoort port and industrial facility, within the Port of Rotterdam. With a total length of 6 meters, the turbine required a protective coating. A coating which needed to be resistant to all weather conditions, especially salty sea wind.

CORROCOAT

T: +44 (0)113 2760 760 | F: +44 (0)113 2760 700
E: info@corroserve.com | W: www.corroserve.com

CORROCOAT

The team at Corrocoat Benelux blasted the parts, before applying an adhesive layer of Plasmet ZF. They finished with a top layer of Plasmet Corrothane AP1; a high performance, 2-pack, solvent borne, isocyanate-free polyurethane/ acrylic top coat. Corrothane AP1 is primarily used over the top of other Corrocoat epoxy based coatings. It gives colour retention and weathering properties. It is designed for use on new construction and maintenance work on marine and offshore structural work. The coating offers excellent protection in aggressive atmospheric service environments.



norsok standard

T: +44 (0)113 2760 760
F: +44 (0)113 2760 700
E: info@corrocoat.com