

Corrosion Protection

Maritime Corrosion Protection

Industrial Corrosion Protection

Powder Coatings



First-class preparations

The effectiveness and longevity of a corrosion protection coating is determined to a large extent by the proper preparation of the surface. Suitable surface preparation is selected on the basis of the intended application area, the stress to which the coating is expected to be subjected and the planned corrosion protection system.

We develop the ideal solution for you to satisfy the relevant industry standard* and offer the following:

- Compressed air cleaning
- Wet cleaning (dust free with turbo technology)
- Circular cleaning
- Airless blast cleaning
- Suction head cleaning
- Extreme pressure washing (2,500 bar)
- Sanding, automated or manual staining
- Dry ice cleaning with CO2 pellets

*All the techniques listed here are approved by all leading paint manufacturers.





Professional single-source realisation

Given the climatic conditions, the requirements placed on corrosion protection systems for maritime technology are extremely high. The coating system must always be chosen with the specific surface in mind to allow it to be tailored to the particular requirements and enable it to be fully effective.

Based on your specifications, our specialists take the following criteria into account in order to select or develop a coating system which is tailored to your individual requirements:

- Atmospheric stresses due to the geographical location (sun, salt)
- Chemical stresses (vapours, chemicals)
- Stresses from condensation water, dew or water
- Thermal loads (exhaust gases, heat, cold)
- Mechanical loads (bending and impact loads, abrasion)
- Construction site conditions (scaffolding possible or not)

A perfect substrate – a perfect basis

In addition to the selection of a suitable coating system and the customised preparation of the surface, application is also an all-important factor in ensuring permanent corrosion protection. We offer the skills and equipment to realise the chosen system professionally. Our specialists perform the work on site using the right equipment:

- Airless coating (single- and dual-component products)
- Thick coating (single- and dual-component products)
- Compressed air spraying
- Electrostatic spraying
- Hot spraying
- Powder coating

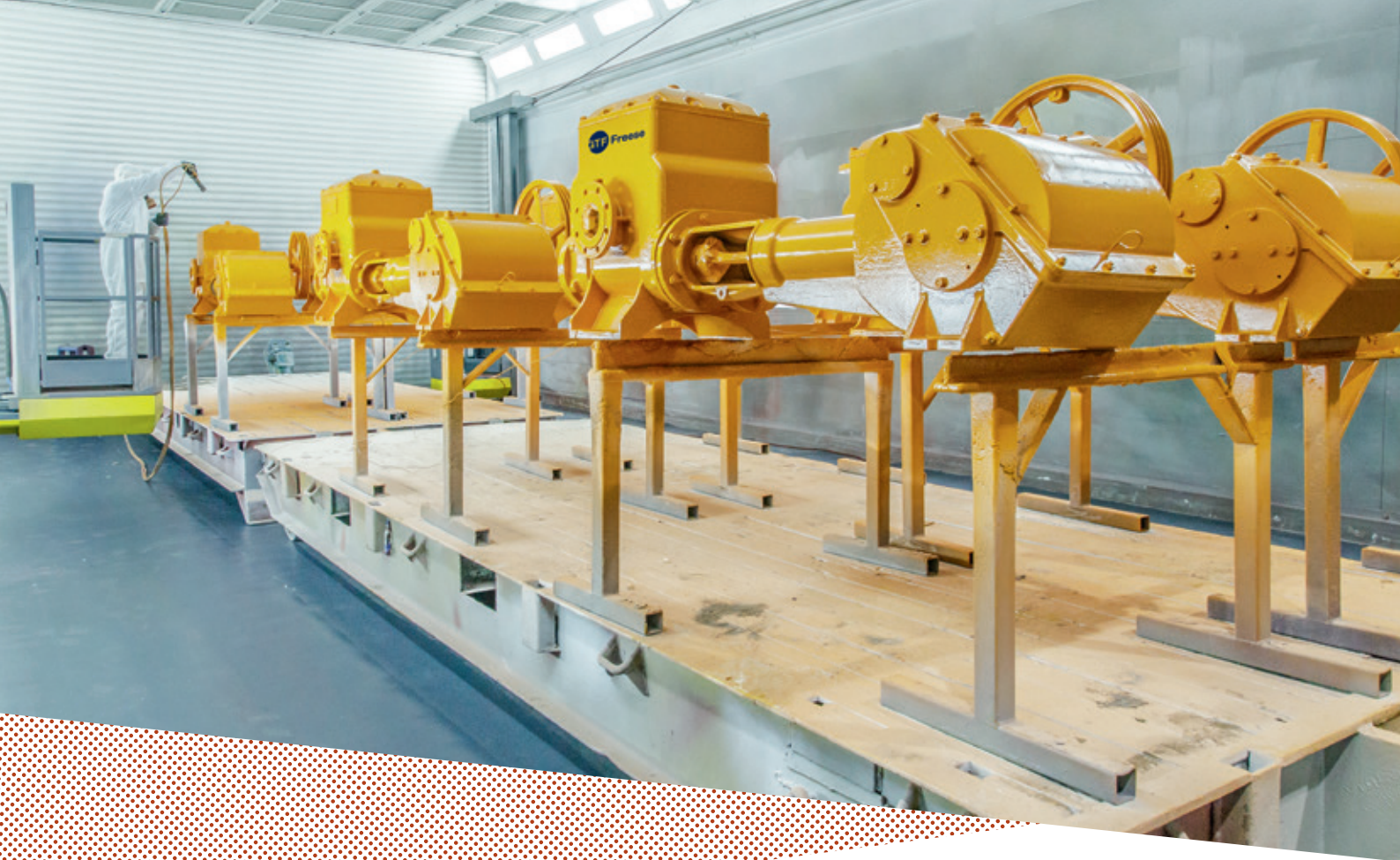
Thermal spray metallisation as per EN DIN 2063

The process of spraying metal using an arc of liquefied aluminium and / or zinc in combination with surface preparation as per SA3 offers increased corrosion protection, including in areas exposed to tough environmental conditions. Shielding of the freshly metallised, protected surface with suitable coatings completes this process.

Industrial sites in Aschendorf / Papenburg

Spread over an area of some 20,000 m² of production and storage space as well as coating halls, we work to meet our customers' specific requirements. We process all components which can be transported by road. Put us to the test!





Permanent protection

Ships, machines, plants, steel and hydraulic steelwork constructions all have one thing in common: their intended purpose and functionality can only be guaranteed if their surfaces are properly protected. High-quality surface protection therefore acts as a guarantee for long-term value retention.

Freese Oberflächentechnik GmbH is one of Germany's leading and most innovative companies in the corrosion protection sector. We support our customers from the initial conception stage right through to the final implementation and offer single-source solutions. Whether in the maritime or industrial sector, as a partner, we are firmly anchored in the workflows at construction sites and play our role in guaranteeing the delivery of work on time and to budget.

Our specialists have decades of experience in the assessment and handling of ever-growing demands – practice-oriented solutions are key to ensuring our customers' success.

The Freese-Group

We are a family owned business established back in 1910 and, over the years, have grown to become an international industrial company. The Freese Group offers flexible and reliable solutions for surface technology, marine floorings, flooring technology and automation technology. The long-term success of the Freese Group is powered by the people who continually develop our products and brand strategies as well as a corporate culture of innovation. At present, some 350 employees at sites in Germany, South-Korea, India, Finland and the USA support and assist our customers.



Marine Floorings

Synthetic Resin Floors
Noise Reduction Floors
Floor Coverings

Flooring Technology

Terrazzo & Design Screeds
Industrial Screeds
Floor Coatings

Surface Technology

Maritime Corrosion Protection
Industrial Corrosion Protection
Powder Coatings

Automation

