



Product Description

This product is a two-component coating with excellent antirust properties and resistance to oil, water, salt water and solvents, good adhesion to the substrate, easy to construct, no environmental pollution, good compatibility and interlayer adhesion with epoxy, polyurethane, rubber and vinyl resin topcoats.

Product use

It is suitable for rust prevention and anti-corrosion primer and zinc-free coating primer for steel; it is used for rust prevention and anti-corrosion of steel components in marine facilities such as ships, containers, offshore platforms, wharves, pipelines and storage tanks in petrochemical plants, metallurgy, electric power, food, textile and other industries.

Product Data

Item	Indicator
Color and appearance	Iron red, smooth coating film
Density, strength (kg g/cm ³)	2.8-3.0
Recommended dry film thickness (um)	60-80
Fineness (um)	40
Viscosity (S,25)	40-60
Theoretical dosage (g/m ²)	150-180(30um dry film)
Adhesion(Grade)	1
Natural drying (25℃, 75%RH)	Surface drying 1h, actual drying 24h.
Drying 80℃	20min
Impact strength(kg-cm)	50
Flexibility (mm)	1
Volumetric solid content (%)	≥50
Resistant to 3% salt water (500h)	No blistering, no rusting
Salt spray resistance (168h, grade)	2

Construction guidance and other matters

- 1、 Carefully clean the surface of the object to be coated before painting, and remove the rust by spraying or shot blasting to reach Sa2.5 level; remove the rust by hand and power tools to reach St2 level;
- 2、 Mix A component well before use, and prepare according to the ratio of A:B=5:1(weight ratio), stir evenly and mature for 10min, and filter with 120 mesh filter. Use airless or air spraying; painting interval is not less than 15h, but 7d (25℃);
- 3、 In-tank life: 3h (decreases with the increase of temperature);

Water-based Epoxy Rust Preventive Primer



- 4、 Construction temperature requirement is above 15°C, below 40°C, and above 3°C above the dew point, and the relative humidity shall not exceed 80%;
- 5, diluent: according to the construction viscosity requirements plus 5% -10% drinking water pure or water;
- 6、 Package: 50Kg per barrel for component A; 4 Kg per barrel for component B;
- 7、 Storage period: 6 months from the date of production.

Declaration

The information provided in this product specification is based solely on our knowledge gained in the laboratory and in practice. However, since the use of the product is usually beyond our control, we only give a guarantee of the quality of the product itself. We reserve the right to modify this manual without prior notice. For more information, please consult our website: www.towercoating.com

www.towercoating.com

www.xigeer.com.cn