



JLH004 WATERBORNE EPOXY ZINC RICH PRIMER

Technical Data Sheet

Properties and uses:

This product is a kind of two-component thick primer based on epoxy and polyamide.

- Thanks to the high content of zinc powder, the paint has cathodic protection performance.
- It dries fast;
- It reveals an excellent adhesion, abrasion resistance and impact resistance.
- It has excellent anti-corrosion properties.
- It can be cooperated with most anti-rust primers and topcoats.

It is used for heavy anti-corrosion subjects, such as vessels, port machinery, industrial equipment, bridges and steel facilities.

Physical Parameters:

Color:	Gray
Sheen:	Matte
Standard film thickness:	Wet film: 71µm Dry film: 35µm
Theoretical Coverage:	Approx. 14.0m ² /L
Specific Gravity	Approx.2.10

Application Note:

Mix Ratio: Two-component, A:B=38:4 (By Weight), or 4:1 (By Volume).

Pot Life: (20°C) 8hrs

Application Method:	Airless Spray	Air Spray	Brush/Roller
Tip Range: (Graco)	163T-619/621	2-3mm	
Spray Pressure (Mpa):	10-15	0.3-0.4	
Thinning (by Volume):	0-5%	5-15%	5-15%

Drying Time:

Substrate Temperature (°C)	Touch Dry (min)	Hard Dry (h)	Recoat Interval	
			Min.(h)	Max.(h)
23	15	< 16	6	6

SURFACE PREPARATIONS:

Abrasive blast to Grade Sa21/2

Application Conditions:

Coating shall be made at a temperature range of -10-30°C with a relative humidity below 85%, the surface temperature of the substrate shall be 3°C above the dew point, and the temperature and humidity should be measured near the substrate. It is recommended not to carry out coating construction

when substrate's surface temperature is over 40 °C. Coating may not be made in severe weather such as rain, snow, sandstorm, etc.,

Relevant Products:

Subsequent Coat: Polyurethane topcoat.

Package & Specification:

Part A (Base) 20L Drum 19Kg

Part B (Curing Agent) 4L Drum 2Kg

Storage: This product shall be stored in a cool, dry and ventilated indoor warehouse with a storage period of one year.
