# JLH007 WATERBORNE EPOXY HIGH BUILD COAT



#### **Technical Data Sheet**

## JLH007 Two-component Waterborne Epoxy High Build Coat

### **Properties and uses:**

- The two-component waterborne high build closed paint is consisted of polyamide cured epoxy, micaceous iron anti-rust pigment.
- Excellent adhesion and sealing effect on zinc-rich primed surfaces and properly treated galvanized steel sheets.
- Excellent adhesion to sandblasted steel.
- Excellent wear resistance and durability.
- Excellent weather resistance and hot water resistance.
- Good compatibility.

#### **Physical Parameters:**

Color: A range of colors

Sheen: Matte

Standard film thickness

Wet Film 143 µm

Dry film: 80µm(Aver.)

Theoretical Coverage: Approx. 7.0m<sup>2</sup>/L

Specific Gravity 1.40

#### **Application Note:**

Mix Ratio: Two-component, A:B=6:1 (By Weight)

Two-component, A:B=4:1 (By Volume)

Thinner: De-ionized water Pot Life:  $2h (20^{\circ}C)$ 

Application Method: Airless Spray Air Spray Brush/Roller

Tip Range: (Graco) 163T-619/621 2 ~ 3mm

Spray Pressure (Mpa):  $10 \sim 15$   $0.3 \sim 0.4$ 

Thinning (by Volume):  $0 \sim 5\%$   $5 \sim 15\%$   $5 \sim 15\%$ 

Tool's Cleaner: Tap Water

#### **Drying Time:**

Substrate	Touch Dry	Hard Dry (h)	Overcoat Interval (h)	
Temperature (℃)	(h)		Min.	Max.
5	6	72	24	15
23	2	16	8	7
35	1	8	4	4

#### **SURFACE PREPARATIONS:**

For new steel surface, abrasive blast clean to Grade Sa21/2 or Grade St3 (ISO 8501-1:2007), for steel surface coated with workshop primer, spots

where vanish damage or rust existed shall be blast cleaned to Grade Sa21/2 or Grade St3 (ISO 8501-1:2007). The surface of workshop primer that has produced zinc salt shall be cleaned by sweeping spray or high-pressure fresh water, weld joint and burnt parts shall be treated or cleaned to Grade Sa21/2 or Grade St3. The substrate's surface coated with primer or intermediate layer must be clean, the dirt existed on the it shall be removed with detergent or high-pressure water; for coating on top of prier epoxy or polyurethane paint film, the surface shall be coarsened before application:

#### **Application Conditions:**

Coating shall be made at a temperature range of 5~15°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:**

Waterborne Epoxy Zinc-Rich Primer Waterborne Polyurethane topcoat

Package & Specification: Component A: 20 L

Component B: 4 L

Storage: This product shall be stored in a cool, dry and ventilated indoor warehouse

with a storage period of one year.

Proper ventilation is required for mixing and application relevant to this Safety product. Painters have to equip themselves with protective measures so as to prevent the eyes, skins, etc., from injured by the paint mist. If the paint splashes on the skin, it should be washed with soap and water immediately, and then seek medical attention.

- Statement 1. The protective effect of any coating depends to a large extent on the coating work, the coating's service life is directly affected by the surface treatment, thickness of paint film and other painting factors, therefore, the users should meet the agreed Application Conditions when using this product.
  - 2. The data shown in this manual are theoretical values or the one accumulated through experiments and some data may be changed without prior notice along with the product's continuous improvement.
  - 3. The company is only responsible for the quality of the coating product itself when the company's technicians are not at the coating site.