



## JLH003 TWO-COMPONENT WATERBORNE EPOXY PUTTY

### Technical Data Sheet

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#### Properties and uses:

it is composed of epoxy latex, pigment & filler, curing agent, additive and so on.

- It utilizes water as the dispersion medium, it is non-toxic, odorless, non-flammable and explosive, safe and convenient to use.
- It can be applied on both wet and dry surface.
- It is firmly attached to the base surface and presents sound mechanical properties.
- The water resistance, alkali resistance and salt water resistance are good and there's no expansion and fall off when encountering water or moisture, It has a long service life and an outstanding comprehensive economic benefits.

It is suitable for protective coating of metal equipment and components such as railway locomotives, passenger cars, petrochemicals, marine engineering, civil buildings, underground works and so on.

#### Physical Parameters:

|                         |                            |
|-------------------------|----------------------------|
| Color:                  | Light Gray or others       |
| Sheen:                  | Matte                      |
| Standard film thickness | 200 $\mu\text{m}$          |
| Dry film:               | 100 $\mu\text{m}$          |
| Theoretical Coverage:   | Approx. 5m <sup>2</sup> /L |
| Specific Gravity        | 1.6                        |

#### Application Note: Mix Ratio: Two-component, A:B=5:1 (By Weight)

Thinner: De-ionized water

Pot Life: 3h (20°C)

Application Method: Airless Spray      Brush/Roller

Tip Range: (Graco) 163T-619/621

Spray Pressure (Mpa): 10-15

Thinning (by Volume): 0-5%                      0-5%

Tool's Cleaner: Tap Water

#### Drying Time:

| Substrate Temperature (°C) | Touch Dry (h) | Hard Dry (h) | Overcoat Interval (h) |               |
|----------------------------|---------------|--------------|-----------------------|---------------|
|                            |               |              | Min.                  | Max.          |
| 10                         | 24            | 48           | 48                    | No limitation |
| 20                         | 8             | 24           | 24                    | ..            |
| 30                         | 4             | 12           | 12                    | ..            |

#### SURFACE PREPARATIONS:

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**Anping Jinlong Vehicle Equipment Co., Ltd.**

Before blade coating, remove fragile rust or residue on substrate's surface with a wire brush or spatula.

**Application Conditions:**

Coating shall be made at a temperature range of 5~30℃ with a relative humidity below 85%, the surface temperature of the substrate shall be 3℃ 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:**

Previous coating: Waterborne epoxy resin primer, Waterborne epoxy anti-corrosion primer.

Subsequent Coating: Waterborne Epoxy Topcoat

Waterborne polyurethane intermediate coat

Waterborne Polyurethane topcoat

Waterborne Acrylic Modified Alkyd Topcoat or other solvent 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.

**Safety** Proper ventilation is required for mixing and application relevant to this 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.