

JB Epoxy paint-101

**Product Description :**

This two-component sealing primer(JB-new formula) is mainly prepared by epoxy resin and curing agent, with outstanding features as below:

- Permeable to substrate
- Resistance to alkali, acid & water
- Excellent rust resistance
- Continue to cure when immersed in water
- Sealing property
- Good Adhesion
- Outstanding sea water resistance
- Etc

Typical Uses :

This product is typically used as metal surface . Commonly used for coat for:

- Port
- Harbor
- Steel
- Pipe

Basic Technical Datasheet :

Color	selected by Color chart with gloss
Volume solid, %	≥85
Density, Kg/L	1.5
Resistance to 10% H ₂ SO ₄ , 10d	No change
Resistance to 10% NaOH, 10d	No change
Resistance to 3% salt water, 10d	No change
Resistance to 45# engine oil, 10d	No change
Resistance to moisture condensation (ASTM D4585, 100°F, 1000 hours)	No blisters, rust, delamination, creepage
Theoretical spreading rate, @500 μm dry film	~0.93
Pot Life, h	2H at 20°C

* HG/T standard, ASTM standard

Substrate Treatment:

All surface shall be clean, dry and free from any contaminations to achieve long lasting function.

- Primed surfaces

The primer surface should be dry and free from all contaminations.

Areas of breakdown, damage etc., should be prepared to the specified standard, e.g. Sa2.5.

Instructions for Use:

- Mixing

Mix part A and part B as 18KG:3KG by weight or Customized. Slowly add part B into part A and ensure mixed completely.

- Thinner:

Epoxy paint thinner ≤ 5 % w./w.

- Cleaner:

JB-epoxy paint thinner or etc

- Application methods:

Brush, roll, spray

To touch/H	3H
Overcoating	M:3.5H
Interval	

Data tested under controlled temperature and relative humidity below 85%

Cautions:

Apply in good weather. The substrate temperature shall be in the range of 0-40 °C, and at least 3 °C over dew point to avoid condensation. Also, ensure apply at humidity below 85%.

Compatibility:

	Product	Thickness	Surface
Coat	JB Epoxy paint-101	1 mm	Vertical area

Please consult JIANBANG technician for specific system recommendation

Color Variation:

Color may vary from batch to batch. JIANBANG ensures color variation ΔE≤0.2. Suggest use the same batch to achieve best color consistency.

Packaging:

Part A 18KG in an iron barrel

Part B 3KG in an iron barrel.

Or Customization

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Shelf Life:

Part A 12 months, Part B 12 months

If exceeding shelf life, the products shall be tested before using.

Storage:

According to the regulations, this product should be stored in dry, cool, ventilated warehouse away from fire and heat. The package must be kept airtight and handled carefully.

Safety:

Read safety direction on package carefully. Operate this product in ventilated condition, avoid over inhaling paint mist or spills on skin or eyes. If any coating splashes on skin, rinse with proper detergent or soap water. If splash into eyes by accident, call emergency medical service immediately. Check more safety details in SDS document.