



**JLB004 WATERBORNE
FLOATING SILVER PAINT
Technical Data Sheet**

Properties and uses:

The product are blended with waterborne modified epoxy acrylic nano-emulsion, deionized water, silver powder paste and a variety of functional additives modulation.

- It utilities water as the dispersion medium, it is non-toxic, odorless, non-flammable and explosive, safe and convenient to use.
- The viscosity can be adjusted with tap water. The paint film dries quickly, therefore, the usage of this product could reduce the cost while improve the efficiency.
- Free of benzene, formaldehyde and heavy metals, environmentally friendly;
- It has good toughness and flexibility, tough paint film and strong anti-corrosion performance;
- It is suitable for protection and decoration on metal surfaces such as steel, galvanized iron, aluminum alloy, etc.,

When combing with the anti-rust topcoat, it can also be used for anti-corrosion coating of metal structures and products such as: steel structures, towers, bridges, machinery, industrial equipment, petrochemical plant pipelines, railway tank wagon and storage tanks.

Physical Parameters:

Color:	Silver
Sheen:	Flat
Standard film thickness	100 μ m
Dry film:	40 μ m(Aver.)
Theoretical Coverage:	Approx. 10m ² /L
Specific Gravity	1.35

Application Note:

Mix Ratio: Single Component, it can be used directly

Thinner: De-ionized water

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 ~ 10%
Tool's Cleaner:	Tap Water		

Drying Time:

Substrate Temperature ($^{\circ}$ C)	Touch Dry (h)	Hard Dry (h)	Overcoat Interval (h)	
			Min.	Max.
10	1	24	24	No limit
20	2	12	12	..

30	1	6	6	..
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SURFACE PREPARATIONS:

The surface of the substrate coated with primer must be clean and dry, and dirt adhered to the surface shall be removed with appropriate detergent and high-pressure fresh water.

Application Conditions:

Coating shall be made at a temperature range of 0~35℃ 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 ℃. Coating may not be made in severe weather such as rain, snow, sandstorm, etc.,

Package & Specification:

10L or 20L

Storage: This product shall be stored in a cool, dry and ventilated indoor warehouse within 0-40℃ with a storage period of one year.

Safety Proper ventilation is required for application site. 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.

