

Waterborne acrylic amino baking intermediate paint

PRODUCT DESCRIPTION

- An one-component baking paint based on waterborne acrylic resin, amino resin, antirust pigment and additives.

RECOMMENDED USE

- Coating is used in industries with high requirements for decorative effect, hardness, salt spray resistance, etc., such as truck, medium bus, bicycle, electric vehicle, agricultural machinery, iron bucket and other industries.

FEATURES

- Environment friendly and free of Pb, Hg, Cr & Cd
- Good rust resistance
- Good adhesion and toughness

PHYSICAL PROPERTIES

Color	Light grey or iron red
Gross	5~15 GU
Solid content	55±2%
Adhesion	Class 1
Hardness	H
Impact resistance	50 kg·cm
Water resistance	300 hours (normal temperature)
Salt spray resistance	600 hours (composite coating)
VOCs	<100g/L, accord with EU Dirctive 2004/42/EC, subcategory j
Flash point	>100°C
Thickness	Dry film: 30~40μm/layer; Wet film: 50~60μm/layer;
Coverage	8~10m ² /kg (25μm dry film thickness) The actual coverage is related to various factors, such as surface treatment, external environment, construction method and so on.

SURFACE PREPARATION

- Remove salt and other water-soluble contaminants by fresh water.
- Remove oil and grease with suitable detergent or solvent(SSPC-SP 1).
- Remove rust and oxide scale by sand blasting to reach ISO SA2 ½ (sspc-sp 10) or better.
- All surface to be coated should completely clean, dry and free from contamination.

APPLICATION

Operating temperature	Normal temperature
Mixing	Add deionized water (purified water) at the ratio of 10-20:100 (coating), stir for 5-10 minutes, and let it stand for 10 minutes. Spray or dip coating can be carried out after the bubbles are eliminated.
Operating viscosity	35~45s (Spraying at room temperature)
Drying time	After painting, it shall be leveled at normal temperature for 5-10 minutes before entering the drying room. The temperature should not be adjusted to 140 °C immediately. It is recommended to lower the temperature first and then higher the temperature. The recommended procedure is 80°C for 10 minutes and then 140-150 °C for 30 minutes.
Suitable undercoating	Electrophoretic coating or bare substrate

SHELF LIFE

Store in dry, cool condition and keep temperature above 5°C, under 35°C. Containers must be kept tightly closed.
12 months from date of production (25°C).

**SAFETY
PRECAUTION**

Detail information is given on MSDS.
Avoid inhalation of spray mist or vapour.
Avoid skin and eye contact.
Paint contacted with skin should be immediately removed with water and/or suitable cleanser. Eyes should be flushed with water and seek immediate medical attention.
Application and handling of this product should be in compliance with relevant national regulations.

CAUTION

The provided information in this manual is the most comprehensive and correct information at present. Since using conditions of products are beyond our control, the information do not contain warranty, that is we are only responsible to our customers. Due to the continuous development of our products and processes, the contents of this manual will be changed at any time. All information in this manual is subjected to our confirmation. Before using this product, please confirm the manual is the latest version.