



Product characteristics

This product uses imported high-quality water-based acrylic resin as the main film-forming material, supplemented by inorganic pigments. It is a one-component baking paint with good adhesion, high hardness, high fullness and good decorative effect. Non-flammable, non-explosive, safe.

Product use

Suitable for the surface of new energy vehicles, motorcycle parts, aluminum alloy, bicycles, hardware and electrical appliances, etc.

Product characteristics

This product is packed in single component. Use water as diluent, safe, easy to clean tools and meet the requirements.

Good hardness and fullness of paint film.

Construction instructions

Steel plate substrate treatment: sandblasting or phosphating;

Before use, the paint must be stirred evenly, open diluted, 200 mesh silk cloth filtered and then used;

Can be used by spraying method. Spraying caliber: 1.1 ~ 1.3mm, spraying pressure: 0.3 ~ 0.4Mpa, spraying viscosity: 30 ~ 35S (coated 4 cups, 20 °C), baking temperature: 120-180 °C, spray paint humidity: <80%.

Can be sprayed with water-based electrostatic gun, effectively reduce the loss.

Technical parameters

Original paint appearance	Uniform, no matter	Flexibility	≤3mm
Viscosity, S (Coating#4 cup/20s)	90~100	Hardness (Pencil method)	≥2H
Fineness, μm	≤15	Salt spray resistance	240hNo rusting on surface No blistering, discoloration
Solid content, %	35~40	Acid resistance	No change for 24h



Water-based metallic baked enamel (black)

		(0.1NH ₂ SO ₄)	
Paint film color appearance	Flat and smooth, Black	Alkali resistance (0.1NaOH)	No change for 24h
Glossy	90	Water resistance	No significant change 24h
Adhesion (Scratching method)	Grade 1	Temperature change resistance (-40°C~+80°C)	10 cycles of coating No cracking, no peeling
Impact resistance	≤50kg.cm	Artificial aging resistance (600 hours)	Light loss rate ≤20% Color difference ≤3 Other no change

Caution

1. When the construction is finished, all appliances should be rinsed with water immediately to prevent clumping and gun blocking.
2. This product is water-based paint, but we are still responsible to remind: please try to avoid inhalation of paint mist; paint splashed on the skin should be immediately flushed with suitable detergent, soap and water; if splashed in the eyes, please flush with water and seek medical attention.
3. This product register data is for reference only, subject to the specific data of each project construction situation.
4. Package specification: 20L iron drum

Storage and transportation

1. The effective storage period of the product is 6 months, stored in a cool, dry place, stored in an environment above 0 °C away from light.
2. Protect from cold, sunlight and rain during transportation.

Declaration

The information provided in this product specification is based solely on our knowledge gained in the laboratory and in practice. However, since the use of the product is usually beyond our control, we only give a guarantee of the quality of the product itself. We reserve the right to modify this manual without prior notice. For more information, please consult our website: www.towercoating.com

www.towercoating.com

www.xigeer.com.cn

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