CATALOGUE 2024

KINACOATINGS COMPANY LIMITED

Efficient • Responsible • Sincere

Catalogue

Catalogue

About KINA coatings

Masters of Long-Term and Heavy-Duty Protection:

Pioneering Excellence in Water Base Paint Solutions for Steel Structure and Petrochemical Industries etc

Our team was the first group in China to research and develop water-based paints over 20 years ago, accumulating extensive and rich experience in this field. Our annual production capacity exceeds 25,000 tons, with a team of over 100 dedicated professionals, and a 20-member strong R&D department, ensuring that our products are at the forefront of technological advancements in the protective coatings industry. This has positioned us as a leading authority in long-term and heavy-duty protective coatings, specifically in steel structures and petrochemical applications.

Our company has been the preferred supplier for leading construction companies, container factories, and major state-owned enterprises like CNPC (China National Petroleum Corporation) and Sinopec. In line with the country's Belt and Road Initiative, we have begun to expand overseas markets, hoping to bring high-quality and cost-effective products to countries along the Belt and Road.

Our coatings are specifically formulated for a wide range of applications including:

- Steel structures
- Petrochemical facilities
- Pipelines
- Scaffolding
- Galvanized sheets
- Mechanical equipment
- Flooring
- Mirror
- Pavement
- Shipping containers
- Roofing
- Food-grade pipelines
- DIY hand sprays
- Etc

Key Application Areas:

Steel Structure and Petrochemical Industries

— Our coatings are extensively used in these sectors, providing superior protection against corrosion and wear.

Shipping Containers

— Trusted by major container manufacturers for their durability and environmental friendliness.

At the heart of our mission is a dedication to innovation, sustainability, and partnership. We are committed to delivering cutting-edge waterborne coatings that not only protect and enhance our clients' assets but also contribute to a healthier planet.

We prioritize our clients' needs, offering customized solutions and exceptional service, ensuring that every project benefits from our expertise and commitment to sustainability.

We are more than just a supplier; we are a partner in your success. Let us work together to protect your investments, enhance your operations, and contribute to a sustainable future.

We present this comparison chart between traditional solvent base paint and water-based paint . Water-based paint offers numerous advantages, such as being environmentally friendly, having low VOC emissions, and providing excellent durability and adhesion. It is also a safer choice for both users and the environment.

With the increasing demand for sustainable and eco-friendly solutions, water-based paint is poised to play a significant role in the future. We encourage you to consider using water-based paint for its superior performance and positive impact.

Water-based paint (Waterborne coating)

Solvent-based Paint

VS

Water-based paint (Waterborne coating)		Solvent-based Paint
Water	Diluent	Thinners like toluene contain high levels of benzene
Water-based, non-flammable and non-explosive	Explosion risk	Production, storage, and transport can be explosive and flammable
Lower	VOC	Higher
Non-toxic and odor-free	Smell	Rich in pungent odor
Ordinary mode of transport	Mode of transport	Dangerous goods transportation
No heavy metal content	Heavy metal content	Contains high levels of harmful heavy metals
Environmentally friendly	Environmental sustainability	Serious pollution to the environment
Does not affect the health of construction workers	Labor protection	Health of dangerous construction personnel
Wash with water after construction	Cleaning and maintenance	Requires cleaning with toxic solvents
Good weather resistance and wear resistance, not easy to fade	Durability and color	Colors may fade over time
Global Sustainable Development Strategy, supporeted by all nations	Policy support	Legal and policy restrictions

Honor and Qualification Certificates

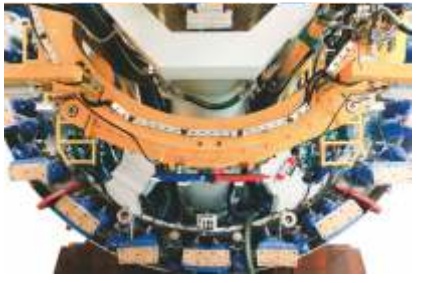
- National high-tech enterprise
- Top 10 most influential leading enterprises of water-based paint in China Recommended products for engineering construction
- Renowned brand in China
- IS09001:2015 Quality Management System Certificatione
- IS014001:2015 Environmental Management System Certification
- IS045001:2018 0ccupational Health and Safety Management System Certification
- Specialized and innovative Small and Medium-sized Enterprise in Guangdong Province
- Innovative Small and Medium-sized Enterprise in Guangdong Province Vice Chairman Unit of Guangdong Province
- Certification of drinking water hyglene and safety in Guangdong Provincee
- Renowned brand in China Credit ovaluation AAA credit onterprise
- Quality certification of China Classlficatlon Soclotye
- China Environmental Labeling Produet Certificatione
- Fire protection product certificatione
- Safety Production Standardization Certiflcation
- "Waterborne epoxy zinc rich primer "Win " Certificate of Famous High tech Productsin Guangdong Province in 2023
- Group member unit of China Steel Construction Soclety

Partners and Client List

杭萧钢构 HANGXIAO STEEL STRUCTURE
江苏宏宇重工科技有限公司
精工钢构集团
KEDA
宁大建设集团
广东新环机电
YIZUMI
中国建筑 CHINA STATE CONSTRUCTION
中铁建设集团有限公司
中国石化 SINOPEC
中国石油
ChinaCoal
CIMC 中集
COSCO SHIPPING
SINGAMAS
GDHD
中粮 COFCO
中国中铁 CREC
Fuwa
青岛雷悦集装箱
AML
CORAL
HS
Neocon
SINOTRANS
AKKONN
FLCON
HSK
NEP
T&O
ESHIPPING
FORENS
OVL
TDL
BSL
FLEX BOX
Maxon
PAN ASIA
Transimex
Conical
Future
MULTIBOX
Serinlnumbers
Trident
UNIT
VOCEAN

Directory • Steel Construction

S08 | Waterborne Acrylic coating for steel structure



Application use:

Suitable for various large steel structures, mechanical equipment, guardrails and pipelines, cast iron parts, oil tanks, petrochemical oil pipelines and external anti-corrosion of devices where the environment is harsh and high anti-corrosion performance is required.

Product Description:

This product series is made of water-based acrylic anti-rust functional resin and non-toxic and environmentally friendly anti-rust pigments. It does not contain organic solvents and uses water as the dispersion medium. It has excellent anti-rust and anti-corrosion properties.

It is a single-component product. The construction process is very convenient. This product has excellent adhesion, excellent chemical resistance, and presents a long-lasting and bright color. For this reason, it is very popular among customers.

There are two models of products: primer and topcoat.

S08 Primer: Waterborne Acrylic coating for steel structure Primer

S08 Topcoat: Waterborne Acrylic coating for steel structure Topcoat

Product performance parameters:

Model	S08 Primer			S08 Topcoat		
Gloss	Matte			Glossy		
Popular colors	Iron Red,Gray,Customized colors			White,Gray,Bright Red,Peacock Blue, Customized colors		
Solids by volume	42 ±2%			42 ±2%		
Density	1.3 kg/l			1.21 kg/l		
Wet film thickness	100-150 μm			100-150 μm		
Dry film thickness	42-63 μm			42-60 μm		
Theoretical coating rate	10.5-7 ㎡/l			10-6.7 ㎡/l		
Adhesion	Grade 0-1			Grade 0-1		
Impact resistance	50 kg / cm			50 kg / cm		
Drying time	15°C	25°C	35°C	15°C	25°C	35°C
Surface dry (humidity 60%)	1h	30min	20min	70min	35min	25min
Hard dry (humidity 60%)	5h	4h	3h	5h	4h	3h

Directory • Steel Construction

S08R | Waterborne Acrylic Rust Converter agent Primer

Application use:

Primarily used for the protection of steel structure surfaces where cannot have shot blasting, sandblasting, or grinding. When applied to unprepared steel surfaces, it generates a black paint film, forming a stable protective layer that effectively seals the substrate. It is particularly suitable for the maintenance and repair of steel parts that have already developed rust.

Product Description:

This water-based rust converter is formulated by utilizing a special high-molecular polymer that penetrates rust layers, in conjunction with a rust chelating agent and active rust inhibiting pigments. The result is a rust converter that integrates functions such as penetration, stabilization, and conversion.

This product is easy to use and labor-saving. It requires fewer surface treatment requirements compared to other steel rust prevention painting techniques. There is no need for grinding rust, water washing, acid washing, sandblasting, or phosphating. This makes anti-corrosion painting incredibly simple. It merely requires degreasing the surface substrate and using a wire brush to remove loose dirt and rust from the metal surface.

Product performance parameters:

Model	S08R		
Gloss	Flat		
Popular colors	Transparent		
Solids by volume	32 ±2%		
Density	1.05 kg/l		
Wet film thickness	90-155 μm		
Dry film thickness	30-50 μm		
Theoretical coating rate	10.6-6.4 ㎡/l		
Adhesion	Grade 0-1		
Impact resistance	50 kg / cm		
Drying time / Temperature	15°C	25°C	35°C
Surface dry (humidity 60%)	70min	30min	20min
Hard dry (humidity 60%)	5h	4h	3h

Directory • Steel Construction

S01 | Waterborne Alkyd coating for steel structure（Primer and Topcoat)

Application use:

Suitable for various large steel structures, mechanical equipment, guardrails and pipelines, cast iron parts, oil tanks, petrochemical oil pipelines and external anti-corrosion of devices where the environment is harsh and high anti-corrosion performance is required.

Product Description:

This product is prepared with alkyd functional resin and non-toxic and environmentally friendly anti-rust pigments, without adding organic solvents.Among industrial anti-corrosive paints, waterborne alkyd paint is second only to waterborne acrylic paint in popularity.

KINA waterborne alkyd paint has a high cost-performance ratio. Alkyd resin has good wetting and dispersibility and can be well mixed with pigments, fillers, etc. to form a uniform coating system. This enables waterborne alkyd anti-corrosive paint to be more easily applied to the substrate surface during construction, forming a uniform and continuous coating film, thereby improving the anti-corrosive performance. The construction conditions are relatively loose, and the treatment requirements for the substrate surface are relatively less stringent. Its paint film has high fullness, high gloss, bright and vivid colors, and excellent decorative effects, which is deeply welcomed by customers.

There are two models of products: primer and topcoat.

S01 Primer: Waterborne Alkyd coating for steel structure Primer

S01 Topcoat: Waterborne Alkyd coating for steel structure Topcoat

Product performance parameters:

Model	S01 Primer			S01 Topcoat		
Gloss	Matte			High gloss		
Popular colors	Iron Red,Gray,Customized colors			White,Gray,Bright Red,Peacock Blue, Customized colors		
Solids by volume	42 ±2%			40 ±2%		
Density	1.3 kg/l			1.15 kg/l		
Wet film thickness	72-140 μm			70-115 μm		
Dry film thickness	30-60 μm			28-46 μm		
Theoretical coating rate	13.4-6.7 ㎡/l			12.5-7.6 ㎡/l		
Adhesion	Grade 0-1			Grade 0-1		
Impact resistance	50 kg / cm			50 kg / cm		
Drying time / Temperature	15°C	25°C	35°C	15°C	25°C	35°C
Surface dry (humidity 60%)	1.5h	45min	35min	2h	1h	45min
Hard dry (humidity 60%)	8h	5h	4h	12h	8h	6h

Directory • Steel Construction

S01T | Waterborne Top Alkyd Glossy coating for steel structure two in one

Application use:

Suitable for various large steel structures, mechanical equipment, guardrails and pipelines, cast iron parts, oil tanks, petrochemical oil pipelines and external anti-corrosion of devices where the environment is harsh and high anti-corrosion performance is required.

Product Description:

This product is prepared with alkyd functional resin and non-toxic and environmentally friendly anti-rust pigments, without adding organic solvents. Among industrial anti-corrosive paints, waterborne alkyd paint is second only to waterborne acrylic paint in popularity.

In addition to having the advantages of high cost-performance ratio of KINA waterborne alkyd paint, high tolerance for substrates with incomplete rust removal, high paint film fullness, high gloss, bright and vivid colors, and excellent decorative effects, this product is also a multifunctional waterborne paint that combines the functions of primer and topcoat. Users only need to store this type of coating. According to the anti-corrosion requirements of the project, by applying two or more layers of paint film, multiple protection problems can be solved with a single product.

Product performance parameters:

Model	S01T		
Gloss	High gloss		
Popular colors	White,Gray,Bright Red,Peacock Blue,Customized colors		
Solids by volume	40 ±2%		
Density	1.2 kg/l		
Wet film thickness	70-115 μm		
Dry film thickness	28-46 μm		
Theoretical coating rate	12.5-7.6 ㎡/l		
Adhesion	Grade 0-1		
Impact resistance	50 kg / cm		
Drying time / Temperature	15°C	25°C	35°C
Surface dry (humidity 60%)	2h	1h	45min
Hard dry (humidity 60%)	12h	8h	6h

Directory • Steel Construction

S09 | Waterborne Basic Polyurethane coating for metal surface Topcoat

Application use:

Suitable for various applications and substrates, including steel structure frames of large buildings such as stadiums, exhibition halls, bridges, etc., industrial steel structures such as factory building steel structures, pipelines, building supports, etc., and various industrial mechanical equipment such as machine tools, cranes, conveying equipment and other machinery.

Product Description:

This product series is a new generation of environmentally friendly anti-corrosion water based paints, prepared with waterborne polyurethane resin, corresponding curing agent and nano-functional materials. It is a two-component polyurethane topcoat with a ratio of component A to component B of 10:1. Use on recommended waterborne primers as part of a complete waterborne system.

This waterborne polyurethane topcoat has good adhesion to the surfaces of various materials, good wear resistance. The paint film is hard and has a certain degree of elasticity. It can resist ultraviolet radiation and harsh weather conditions. With rich colors and good gloss, it is the preferred coating for many outdoor application scenarios.

Product performance parameters:

Model	S09		
Gloss	Glossy		
Popular colors	White,Gray,Bright Red,Peacock Blue,Customized colors		
Solids by volume	40 ±2%		
Density	1.2 kg/l		
Wet film thickness	100-150 μm		
Dry film thickness	40-60 μm		
Theoretical coating rate	9.5-6.3 ㎡/l		
Adhesion	Grade 0-1		
Impact resistance	50 kg / cm		
Drying time / Temperature	15℃	25℃	35℃
Surface dry (humidity 60%)	2h	1h	30min
Hard dry (humidity 60%)	8h	5h	3h

Directory • Steel Construction

S03 | Waterborne Epoxy Zinc rich coating for metal surface Primer

Application use:

Suitable for various applications and substrates, including steel structure frames of large buildings such as stadiums, exhibition halls, bridges, etc., industrial steel structures such as factory building steel structures, pipelines, building supports, etc., and various industrial mechanical equipment such as machine tools, cranes, conveying equipment and other machinery.

Product Description:

This product series is a new generation of environmentally friendly anti-static and anti-corrosive primer, prepared based on waterborne epoxy resin and functional materials such as zinc powder. It is a two-component epoxy primer with a ratio of component A to component B of 6:1. The zinc content is available in various options, such as 20%, 30%, 40%, 50%, 60%, and 80%. Customers can determine the appropriate zinc content according to the specific application environment and anti-corrosion requirements to ensure the best protection effect.

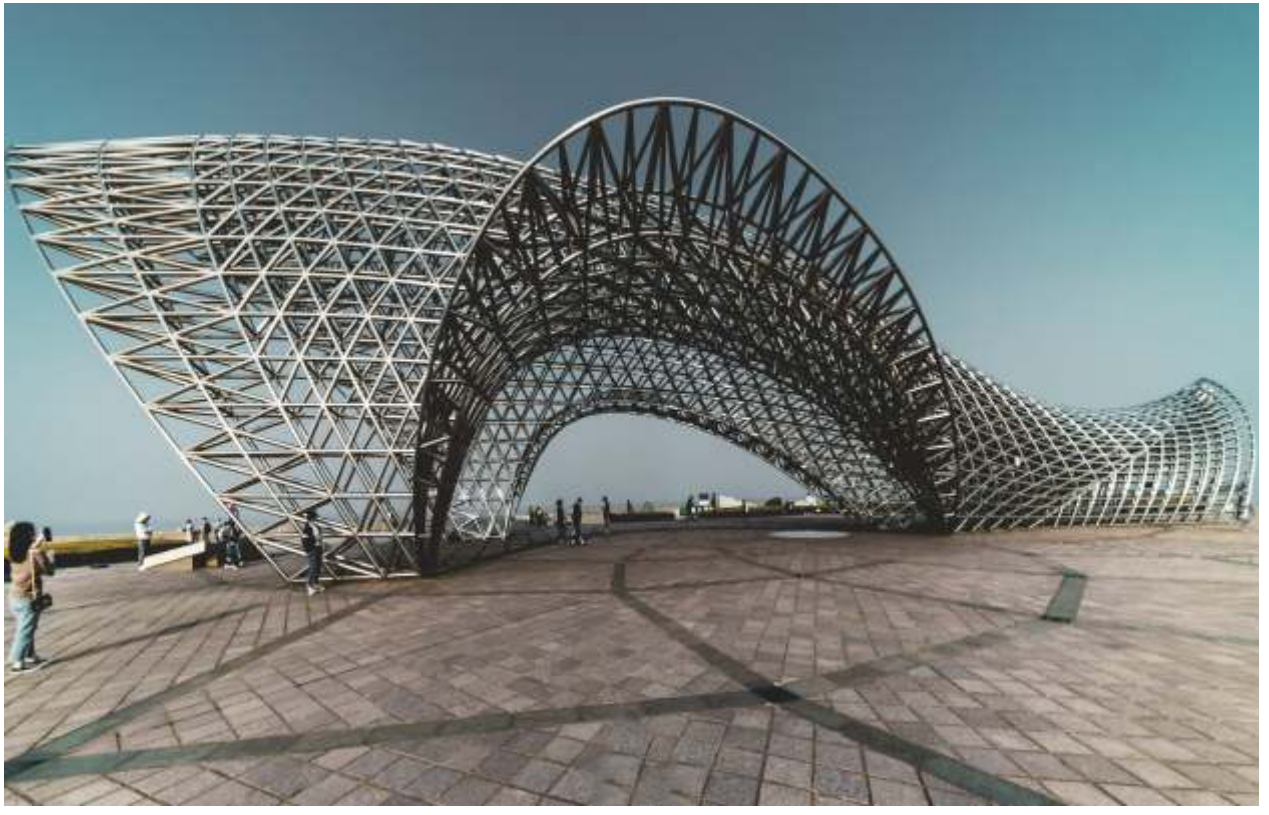
This product has relatively fast re-coating performance and can be applied in the next process in a short time, which is very beneficial for improving construction efficiency and shortening the construction period. In addition, the paint film of waterborne epoxy zinc-rich primer has good toughness and is not easy to crack, making it suitable for coatings of various thicknesses.

Product performance parameters:

Model	S03		
Gloss	Matte		
Popular colors	Gray		
Solids by volume	51 ±2%		
Density	2.5 kg/l		
Wet film thickness	80-160 μm		
Dry film thickness	40-80 μm		
Theoretical coating rate	12.5-6.3 ㎡/l		
Adhesion	Grade 0-1		
Impact resistance	50 kg / cm		
Drying time / Temperature	15°C	25°C	35°C
Surface dry (humidity 60%)	1h	35min	25min
Hard dry (humidity 60%)	8h	6h	2h

Directory • Steel Construction

S02 | Waterborne Basic Epoxy Micaceous iron oxide coating for metal surface Intermediate



Application use:

Suitable for various large steel structures, mechanical equipment, guardrails and pipelines, cast iron parts, oil tanks, petrochemical oil pipelines and external anti-corrosion of devices where the environment is harsh and high anti-corrosion performance is required.

Product Description:

This product is a new generation of environmentally friendly anti-corrosion coating. It is prepared with waterborne two-component epoxy resin, amine curing agent, micaceous iron oxide, nano-functional materials, other anti-rust pigments, corrosion inhibitors and additives. It is a two-component epoxy intermediate coat with a ratio of component A to component B of 10:1.

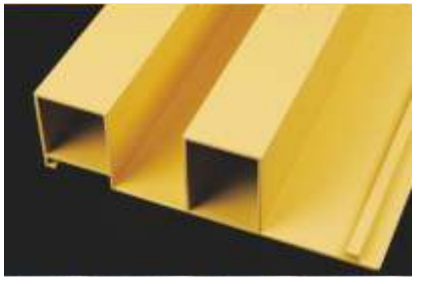
This product is mainly used as the intermediate layer in the anti-corrosion system. It is located between the primer and the topcoat. The role of this intermediate paint is to enhance the anti-corrosion performance and adhesion of the entire coating system and meet the protection requirements of the entire coating. With water as the dispersion medium, no toxic or harmful substances are produced during the construction process and the coating film formation process.

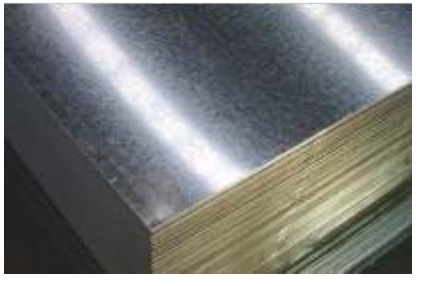
Product performance parameters:

Model	S02		
Gloss	Flat		
Popular colors	Gray,Customized colors		
Solids by volume	42 ±2%		
Density	1.3 kg/l		
Wet film thickness	120-160 μm		
Dry film thickness	50-70 μm		
Theoretical coating rate	8.8-6.4 ㎡/l		
Adhesion	Grade 0-1		
Impact resistance	50 kg / cm		
Drying time / Temperature	15°C	25°C	35°C
Surface dry (humidity 60%)	1.5h	1h	30min
Hard dry (humidity 60%)	8h	6h	4h

Directory • Steel Construction

GS08 | Waterborne Acrylic coating specifically for galvanized sheet Primer





Application use:

This product is specifically designed to adapt to galvanized metal surfaces. It can also be used on color-coated steel plates, aluminum alloy plates, and other steel structure panels, achieving an effect of anti-corrosion, rust prevention.

Product Description:

This product is a water-based acrylic anti-corrosive primer composed of water-based resins specifically designed for galvanized surfaces, high concentration metal powders, and rust inhibitors. It is a single-component product. The construction process is very convenient.

This primer is specifically formulated to suit galvanized metal surfaces. It provides excellent anti-corrosive performance and bonds tightly with the galvanized layer to protect the metal surface from environmental erosion. It effectively extends the service life of the metal surface, particularly in humid environments.

Product performance parameters:

Model	GS08		
Gloss	Glossy		
Popular colors	Silver,Black,Customized colors		
Solids by volume	35 ±2%		
Density	1.15 kg/l		
Wet film thickness	100-150 μm		
Dry film thickness	35-53 μm		
Theoretical coating rate	8.7-5.9 ㎡/l		
Adhesion	Grade 0-1		
Impact resistance	50 kg / cm		
Drying time / Temperature	15℃	25℃	35℃
Surface dry (humidity 60%)	1h	45min	30min
Hard dry (humidity 60%)	5h	4h	2h

Directory • Mechanical Equipment

ME02 | Waterborne Top Epoxy coating for metal surface (Primer and Intermediate)

Application use:

Suitable for anti-corrosion protection and decoration on the metal surfaces of various cranes, heavy machinery, transformers, instruments and meters, electric fans, toys, bicycles, auto parts and so on.

Product Description:

This product series have good anti-corrosion ability, and there is good adaptability among primer, intermediate coat and topcoat. The matching hardness is high and it has long-term usability. It is a two-component epoxy intermediate coat with a ratio of component A to component B of 10:1.

The primer of this product can effectively protect the metal surface from corrosion and enhance mechanical properties. It can resist physical damages such as wear, collision and stone impact.

The intermediate coat of this product is located between the primer and the topcoat. The role of this intermediate paint is to enhance the anti-corrosion performance and adhesion of the entire coating system and meet the protection requirements of the entire coating.

There are two models of products: primer and intermediate coat.

ME02 Primer: Waterborne Top Epoxy coating for metal surface Primer

Me02 Mid-coat: Waterborne Top Epoxy Micaceous iron oxide coating for metal surface Intermediate

Product performance parameters:

Model	Me02 Primer			Me02 Mid-coat		
Gloss	Flat			Flat		
Popular colors	Iron Red,Gray,Customized colors			Gray, Reddish Brown,Customized colors		
Solids by volume	45 ±2%			47 ±2%		
Density	1.3 kg/l			1.3 kg/l		
Wet film thickness	130-220 μm			120-160μm		
Dry film thickness	60-100 μm			50-70 μm		
Theoretical coating rate	7.9-4.8 ㎡/l			8.8-6.4 ㎡/l		
Adhesion	Grade 0-1			Grade 0-1		
Impact resistance	50 kg / cm			50 kg / cm		
Drying time / Temperature	15°C	25°C	35°C	15°C	25°C	35°C
Surface dry (humidity 60%)	1.5h	45min	35min	2h	1h	45min
Hard dry (humidity 60%)	8h	5h	4h	12h	8h	6h

Directory • Mechanical Equipment

ME09 | Waterborne Top Polyurethane coating for metal surface Topcoat

Application use:

Suitable for anti-corrosion protection and decoration on the metal surfaces of various cranes, heavy machinery, transformers, instruments and meters, electric fans, toys, bicycles, auto parts and so on.

This product is specially designed for mechanical equipment and instrument equipment. Personalized effects can be selected, such as: ripple effect, hammered effect or orange peel effect.

Product Description:

This product series is a new generation of environmentally friendly anti-corrosion water based paints, prepared with waterborne polyurethane resin, corresponding curing agent and nano-functional materials. It is a two-component polyurethane topcoat with a ratio of component A to component B of 10:1. Use on recommended waterborne primers as part of a complete waterborne system.

This waterborne polyurethane topcoat has good adhesion to the surfaces of various materials, good wear resistance. The paint film is hard and has a certain degree of elasticity. It can resist ultraviolet radiation and harsh weather conditions. With rich colors and good gloss, it is the preferred coating for many outdoor application scenarios.

Product performance parameters:

Model	Me09		
Gloss	High gloss		
Popular colors	White,Gray,Bright Red,Peacock Blue,Customized colors		
Solids by volume	40 ±2%		
Density	1.2 kg/l		
Wet film thickness	100-150 μm		
Dry film thickness	40-60 μm		
Theoretical coating rate	9.5-6.3 ㎡/l		
Adhesion	Grade 0-1		
Impact resistance	50 kg / cm		
Drying time / Temperature	15°C	25°C	35°C
Surface dry (humidity 60%)	3h	1.5h	45min
Hard dry (humidity 60%)	12h	8h	5h

Directory • Mechanical Equipment

ME09P | Waterborne Pro Polyurethane coating for metal surface Topcoat

Application use:

Suitable for anti-corrosion protection and decoration on the metal surfaces of various cranes, heavy machinery, transformers, instruments and meters, electric fans, toys, bicycles, auto parts and so on.

This product is specially designed for mechanical equipment and instrument equipment. Personalized effects can be selected, such as: ripple effect, hammered effect or orange peel effect.

Product Description:

This product series is a new generation of environmentally friendly anti-corrosion water based paints, prepared with waterborne polyurethane resin, corresponding curing agent and nano-functional materials. It is a two-component polyurethane topcoat with a ratio of component A to component B of 10:1. Use on recommended waterborne primers as part of a complete waterborne system.

This waterborne polyurethane topcoat has good adhesion to the surfaces of various materials, good wear resistance. The paint film is hard and has a certain degree of elasticity. It can resist ultraviolet radiation and harsh weather conditions. With rich colors and good gloss, it is the preferred coating for many outdoor application scenarios. Compared with other polyurethane topcoat, the hardness and fullness of this Pro series are even more excellent.

Product performance parameters:

Model	ME09P		
Gloss	High gloss		
Popular colors	White,Gray,Bright Red,Peacock Blue,Customized colors		
Solids by volume	40 ±2%		
Density	1.2 kg/l		
Wet film thickness	100-150 μm		
Dry film thickness	40-60 μm		
Theoretical coating rate	9.5-6.3 ㎡/l		
Adhesion	Grade 0-1		
Impact resistance	50 kg / cm		
Drying time / Temperature	15°C	25°C	35°C
Surface dry (humidity 60%)	3h	1.5h	45min
Hard dry (humidity 60%)	12h	8h	5h

Optional surface effects

Directory • Mechanical Equipment

ME 07 | Waterborne Amino Baking coating two in one

Application use:

Suitable for coating various indoor and outdoor metal surfaces. It is specially used for anti-corrosion protection and decoration on the metal surfaces of electromechanical equipment, instruments and meters, electric fans, toys, bicycles, auto parts and so on. Especially, it also has excellent performance on the surfaces of non-ferrous metal materials such as stainless steel and aluminum alloy.

Product Description:

This product is a water-based baking paint. It is composed of water-based acrylic resin, functional additives, pigments and fillers, water-based amino resin and other materials. It is refined by advanced technology. It has good fullness, gloss, hardness, weather resistance, light retention, color retention, chemical resistance, etc.

This product is a single-component product. For production and construction, airless spraying, air spraying and electrostatic spraying can be adopted. The curing time and temperature refer to the following parameter table. The actual production line can appropriately control the baking time according to the temperature in the furnace. The leveling time can be appropriately increased according to the thickness of the sprayed paint film.

Product performance parameters:

Model	ME07		
Gloss	High gloss		
Popular colors	White,Gray,black,Customized colors		
Solids by volume	33 ±2%		
Density	1.15 kg/l		
Wet film thickness	50-100 μm		
Dry film thickness	15-30 μm		
Theoretical coating rate	18.9-16.8 ㎡/l		
Adhesion	Grade 0-1		
Impact resistance	50 kg / cm		
Drying time / Temperature	110°C	120°C	130°C
Surface dry (humidity 60%)	45min	30min	20min
Hard dry (humidity 60%)	60min	45min	40min

Directory • Petrochemical Industry

PC02 | Waterborne Epoxy static conductive and oil resistant coating for refined oil tank interior surface（Primer and Topcoat)

Application use:

Suitable for the inner wall of refined oil storage tanks (diesel, kerosene, volatile oil, various gasoline, etc.), the top inside the floating roof of crude oil tanks and other coating protection with static conductive requirements.

Product Description:

This product series is specially designed for internal anti-corrosion of oil storage tanks and is prepared with waterborne epoxy resin and related functional materials. The waterborne paint products for oil storage tanks are divided into two types: static conductive and non-static conductive. It is a two-component epoxy coating with a ratio of component A to component B of 10:1.

This product has static conductive function, with small surface resistance and excellent static conductive performance. The static conductive series is mainly used for static conductive matching of parts such as the bottom plate of refined oil tanks and intermediate oil tanks, the first ring plate, the inside of the floating roof and tank accessories.For construction inside the tank, the lighting voltage can be appropriately increased without fire hazard to ensure the construction quality.

There are two models of products: primer and topcoat:

Pc02 Primer: Waterborne Epoxy static conductive and oil resistant coating for refined oil tank interior surface Primer

Pc02 Topcoat: Waterborne Epoxy static conductive and oil resistant coating for refined oil tank interior surface Topcoat

Product performance parameters:

Model	PC02 Primer			PC02 Topcoat		
Gloss	Matte			Matte		
Popular colors	Iron Red,Gray,Customized colors			Gray,Customized colors		
Solids by volume	50 ±2%			50 ±2%		
Density	1.28 kg/l			1.3 kg/l		
Wet film thickness	100-120 μm			100-120 μm		
Dry film thickness	50-60 μm			50-60 μm		
Theoretical coating rate	6.1-5 ㎡/l			6.1-5 ㎡/l		
Adhesion	Grade 0-1			Grade 0-1		
Impact resistance	50 kg / cm			50 kg / cm		
Drying time / Temperature	15°C	25°C	35°C	15°C	25°C	35°C
Surface dry (humidity 60%)	4h	2h	1h	4h	2h	1h
Hard dry (humidity 60%)	8h	5h	4h	8h	5h	3h

Directory • Petrochemical Industry

PC02T | Waterborne Epoxy insulating and oil resistant coating for crude oil tank interior surface（Primer and Topcoat)

Application use:

Suitable for anti-corrosion coating inside crude oil storage tanks and mechanical equipment with higher anti-corrosion requirements. Especially for the bottom plate of crude oil tanks and the first ring plate, the top inside the floating roof and tank accessories.

Product Description:

This product series is specially designed for internal anti-corrosion of oil storage tanks and is prepared with waterborne epoxy resin and related functional materials. The waterborne paint products for oil storage tanks are divided into two types: static conductive and non-static conductive. It is a two-component epoxy coat with a ratio of component A to component B of 10:1.

This product is of the non-static conductive series and has insulation function. The insulation series is mainly used for the bottom plate of crude oil tanks and the first ring plate, the top inside the floating roof and tank accessories.For construction inside the tank, the lighting voltage can be appropriately increased without fire hazard to ensure the construction quality.

There are two models of products: primer and topcoat.

PC02T Primer: Waterborne Epoxy insulating and oil resistant coating for crude oil tank interior surface Primer

PC02T Topcoat: Waterborne Epoxy insulating and oil resistant coating for crude oil tank interior surface Topcoat

Product performance parameters:

Model	PC02T Primer			PC02T Topcoat		
Gloss	Matte			Matte		
Popular colors	Iron Red,Gray,Customized colors			Gray,Customized colors		
Solids by volume	50 ±2%			50 ±2%		
Density	1.24 kg/l			1.32 kg/l		
Wet film thickness	100-120 μm			100-120 μm		
Dry film thickness	50-60 μm			50-60 μm		
Theoretical coating rate	6.1-5 ㎡/l			6.1-5 ㎡/l		
Adhesion	Grade 0-1			Grade 0-1		
Impact resistance	50 kg / cm			50 kg / cm		
Drying time / Temperature	15°C	25°C	35°C	15°C	25°C	35°C
Surface dry (humidity 60%)	4h	2h	1h	4h	2h	1h
Hard dry (humidity 60%)	8h	5h	4h	8h	5h	3h

Directory • Petrochemical Industry

PC08H | Waterborne Acrylic thermal insulation coating for oil tank exterior surface (Intermediate and Topcoat)

Application use:

It is suitable for the outer surfaces of chemical petroleum storage tanks, metal factory buildings, locomotive carriages, metal pipelines and other metal products that have both heat insulation and thermal insulation requirements and high anti-corrosion requirements.

Product Description:

This product is a new generation of environmentally friendly anti-corrosion and heat insulation supporting paint. It is prepared with water-based acrylic anti-rust functional resin, nano-functional materials, anti-rust pigments, imported heat insulation materials and additives, and does not contain organic solvents.

This product has excellent heat insulation performance, low thermal conductivity coefficient, and lasting and effective heat insulation effect. Its topcoat has excellent weather resistance, anti-ultraviolet and self-cleaning functions, and excellent near-infrared and visible light reflection performance.

There are two models of products: primer and topcoat.

PC08H Mid-coat: Waterborne Acrylic thermal insulation coating for oil tank exterior surface Intermediate

PC08H Topcoat: Waterborne Acrylic thermal insulation coating for oil tank exterior surface Topcoat

Product performance parameters:

Model	PC08H Mid-coat			PC08H Topcoat		
Gloss	Matte			Matte		
Popular colors	Light Iron Red,Light Grey,Customized colors			White,Customized colors		
Solids by volume	40 ±2%			40 ±2%		
Density	1.05 kg/l			1.05 kg/l		
Wet film thickness	150-225 μm			150-225 μm		
Dry film thickness	80-90 μm			80-90 μm		
Theoretical coating rate	6.7-4.4 ㎡/l			6.7-4.4 ㎡/l		
Adhesion	Grade 0-1			Grade 0-1		
Impact resistance	50 kg / cm			50 kg / cm		
Drying time / Temperature	15°C	25°C	35°C	15°C	25°C	35°C
Surface dry (humidity 60%)	1h	45min	30min	1h	45min	30min
Hard dry (humidity 60%)	5h	4h	2h	5h	4h	2h

Directory • Petrochemical Industry

PC08 | Waterborne Acrylic coating for oil tank and pipelines metal surface (Primer and Topcoat)

Application use:

It is suitable for various large steel structures, mechanical equipment, guardrail pipelines, cast iron parts, oil tank petrochemical oil pipelines and external anti-corrosion of installations with harsh environments and high anti-corrosion performance requirements.

Product Description:

This product series is prepared with water-based modified acrylic anti-rust functional resin, nano-functional materials and non-toxic and environmentally friendly anti-rust pigments, and does not contain organic solvents.

It has excellent anti-rust performance. With water as the dispersion medium, it meets environmental protection requirements. It has good adhesion and excellent chemical resistance. It has good compatibility. This product has high cost performance and is preferably used for long-term anti-corrosion applications such as newly-built petroleum pipelines, pipelines and installations.

There are two models of products: primer and topcoat.

Pc08 Primer: Waterborne Acrylic coating for oil tank and pipelines metal surface Primer

Pc08 Topcoat: Waterborne Acrylic coating for oil tank and pipelines metal surface Topcoat

Product performance parameters:

Model	PC08 Primer			PC08 Topcoat		
Gloss	Flat			Glossy		
Popular colors	Iron Red,Gray,Customized colors			White,Gray,Bright Red,Peacock Blue, Customized colors		
Solids by volume	42 ±2%			42 ±2%		
Density	1.3 kg/l			1.2 kg/l		
Wet film thickness	100-150 μm			100-150 μm		
Dry film thickness	42-63 μm			40-60 μm		
Theoretical coating rate	10.5-7 ㎡/l			10-6.7 ㎡/l		
Adhesion	Grade 0-1			Grade 0-1		
Impact resistance	50 kg / cm			50 kg / cm		
Drying time / Temperature	15℃	25℃	35℃	15℃	25℃	35℃
Surface dry (humidity 60%)	1h	30min	20min	70min	35min	25min
Hard dry (humidity 60%)	5h	4h	3h	5h	4h	3h

Directory • Petrochemical Industry

PC01 | Waterborne Alkyd coating for oil tank and pipelines metal surface (Primer and Topcoat)

Application use:

It is suitable for external anti-corrosion of various large steel structures, mechanical equipment, guardrail pipelines, cast iron parts, oil tanks, petrochemical oil pipelines and installations with harsh environments and high anti-corrosion performance requirements.

Product Description:

This product series is prepared with water-based alkyd functional resin and non-toxic and environmentally friendly anti-rust pigments, without adding organic solvents.

It has excellent anti-rust performance. With water as the dispersion medium, it meets environmental protection requirements. It has good adhesion and good compatibility, and has a high tolerance for substrates with incomplete rust removal. It is preferably used for long-term anti-corrosion applications such as refurbishing petroleum pipelines, pipelines and installations.

There are two models of products: primer and topcoat.

Pc01 Primer: Waterborne Alkyd coating for oil tank and pipelines metal surface Primer

Pc01 Topcoat: Waterborne Alkyd coating for oil tank and pipelines metal surface Topcoat

Product performance parameters:

Model	PC01 Primer			PC01 Topcoat		
Gloss	Flat			High gloss		
Popular colors	Iron Red,Gray,Customized colors			White,Gray,Bright Red,Peacock Blue,Customized colors		
Solids by volume	42 ±2%			42 ±2%		
Density	1.3 kg/l			1.2 kg/l		
Wet film thickness	100-150 μm			100-150 μm		
Dry film thickness	42-63 μm			40-60 μm		
Theoretical coating rate	10.5-7 ㎡/l			10-6.7 ㎡/l		
Adhesion	Grade 0-1			Grade 0-1		
Impact resistance	50 kg / cm			50 kg / cm		
Drying time / Temperature	15°C	25°C	35°C	15°C	25°C	35°C
Surface dry (humidity 60%)	1h	30min	20min	70min	35min	25min
Hard dry (humidity 60%)	5h	4h	3h	5h	4h	3h

Directory • Petrochemical Industry

PC04 | Waterborne Fluorocarbon coating for metal surface Topcoat

Application use:

It is suitable for extremely large steel structures, ships, mechanical equipment, bridges, airports, oil tanks, oil pipelines and installations in harsh environments and with high anti-corrosion performance requirements.

Product Description:

This product series is specially designed for heavy anti-corrosion. It is refined by using water-based fluorocarbon resin and functional pigments and equipped with isocyanate curing agent. It is a two-component coating with a ratio of component A to component B of 10:1.

This product has excellent anti-corrosion ability and meets the protection requirements of the entire coating. With water as the dispersion medium, no toxic and harmful substances are generated during the construction process and the coating film formation process. The weather resistance of fluorocarbon paint is extremely excellent. It can resist long-term irradiation of ultraviolet rays without fading, which makes its performance in outdoor environments particularly outstanding. Its durability is also far superior to that of general coatings, reducing the number of maintenance and repainting.

Product performance parameters:

Model	PC04		
Gloss	Glossy		
Popular colors	White,Gray,Bright Red,Peacock Blue,Customized colors		
Solids by volume	40 ±2%		
Density	1.2 kg/l		
Wet film thickness	100-150 μm		
Dry film thickness	40-60 μm		
Theoretical coating rate	9.5-6.3 ㎡/l		
Adhesion	Grade 0-1		
Impact resistance	50 kg / cm		
Drying time / Temperature	15°C	25°C	35°C
Surface dry (humidity 60%)	2h	1h	30min
Hard dry (humidity 60%)	8h	5h	3h

Directory • Shipping Container

C06 | Waterborne Asphalt coating for underside of shipping container

Application use:

It is suitable for fields with waterproof and anti-corrosion requirements such as underground pipelines, the bottom of carriages, and substrates under construction with rust.

Product Description:

This product is made of water-based asphalt emulsion as the film-forming base material and weather-resistant pigments and other materials. It has excellent adhesion and waterproof function and certain weather resistance.

This product is extremely popular in the field of container coating. The product has passed the certification of the KTA laboratory based on the IICL standard and is used for anti-corrosion at the bottom of international shipping containers. Its excellent quality has won the favor of several major container companies in the world. After strict testing, it has excellent durability and stability, providing reliable protection for container transportation and is the first choice for anti-corrosion paint at the bottom of containers.

Product performance parameters:

Model	C06		
Gloss	Flat		
Popular colors	Black		
Solids by volume	54 ±2%		
Density	1.15 kg/l		
Wet film thickness	370-400μm		
Dry film thickness	200-220 μm		
Theoretical coating rate	2.5-2.3 ㎡/l		
Adhesion	Grade 0-1		
Impact resistance	50 kg / cm		
Drying time / Temperature	15°C	25°C	35°C
Surface dry (humidity 60%)	8h	4h	2h
Hard dry (humidity 60%)	24h	12h	6h

Shipping container Underside surface anti-corrosion package

Product	Model	Details in page	Single coat thickness	Times of coating	Dry film thickness	Theoretical consumption	Total dry film thickness
Waterborne Epoxy Zinc rich Primer	S03	17-18	30μm	1	30μm	0.17kg/㎡	30μm
Waterborne Asphalt Primer	C06	43-44	100μm	1-2	200μm	0.46kg/㎡	Not less than 200μm

Directory • Roofing

RF08H | Waterborne Acrylic coating for roof with thermal Insulating

Here is the temperature test conducted by our client after the actual installation

- **Installation Location:** Guangdong,China
- **Installation Surface:** Color Steel Roof
- **Applied Coating:** Directly sprayed with one coating layer
- **Coating Thickness:** Approximately 120 Microns

● Outdoor surface before and after painting

● Intdoor surface before and after painting

Here are the actual test data. If the coating thickness is increased, the insulation effect will be even more better.

Testing Date	Ambient temperature	Outdoor surface temperature of the color steel roof			Indoor surface temperature of the color steel roof (bottom)		
		Before painting	After painting	Decreased	Before painting	After painting	Decreased
2022/6/23	33°C	65°C-70°C	35°C -40°C	30°C	48°C-50°C	36°C -37°C	13°C
2022/6/28	35°C	59°C-65°C	39°C -40°C	25°C	52°C-54°C	39°C -40°C	13°C
Averagely decreased				28°C	Averagely decreased		13°C

Application use:

It is suitable for metal products such as chemical petroleum storage tanks, metal factory buildings, locomotive carriages, metal pipelines and roofs that have both heat insulation and thermal insulation requirements and high anti-corrosion requirements.

Product Description:

This product is made of water-based acrylic emulsion as the film-forming base material and is formulated by adding anti-rust pigments, weather-resistant pigments, heat-insulating zirconium powder and other materials. It has excellent heat insulation and weather resistance, anti-ultraviolet and self-cleaning functions.
Stay Cool, Save Energy, and Enjoy a Greener Living Space with our Eco-friendly solution.

Product performance parameters:

Model	RF08H		
Gloss	Flat		
Popular colors	White,Customized colors		
Solids by volume	40 ±2%		
Density	1.05 kg/l		
Wet film thickness	150-225 μm		
Dry film thickness	60-90 μm		
Theoretical coating rate	6.7-4.4 ㎡/l		
Adhesion	Grade 0-1		
Impact resistance	50 kg / cm		
Drying time / Temperature	15°C	25°C	35°C
Surface dry (humidity 60%)	1h	45min	30min
Hard dry (humidity 60%)	5h	4h	2h

Roofing Thermal Insulating anti-corrosion package

Product-Refurbishment (4-6years)	Model	Details in page	Single coat thickness	Times of coating	Dry film thickness	Theoretical consumption	Total dry film thickness
Waterborne Alkyd Primer	S08 Primer	7-8	50μm	1	50μm	0.20kg/㎡	50μm
Waterborne Acrylic thermal insulation Primer	RF08H	45-46	50μm	2-3	150μm	0.48kg/㎡	Not less than 150μm

Directory • Roofing

RF08W | Waterborne Acrylic coating for roof with waterproof

Application use:

It is widely used in projects such as exterior walls, roofs, civil air defense projects, kitchens, bathrooms, tunnels, bridges, grain depots, etc. Waterproofing of curves, special-shaped structures, and complex parts. Especially for repair in cases of dynamic loads and vibrations (such as roads, bridges, etc.).

Product Description:

This product is an acrylic waterproof coating. It is a waterproof coating composed of a high molecular organic liquid material and high-quality inorganic powder newly developed by using a composite modification process. This kind of material combines the good elasticity and deformation performance of rubber materials and the characteristics of good durability and high strength of inorganic materials.

This product has the characteristics of high elasticity of coating, strong adhesion, corrosion resistance. It can be rolled, brushed, troweled, used for plugging leaks and repairing. The waterproof layer is seamless as a whole. Moreover, it has seismic resistance and can adapt to the slight deformation of the base layer. It can play the role of shielding cracks and inhibiting the generation of cracks on the surface.

Product performance parameters:

Model	RF08W		
Gloss	Flat		
Popular colors	White,Customized colors		
Solids by volume	46 ±2%		
Density	1.2 kg/l		
Wet film thickness	2200 μm		
Dry film thickness	1000 μm		
Theoretical coating rate	0.5 ㎡/l		
Adhesion	Grade 1		
Impact resistance	50 kg / cm		
Drying time / Temperature	15℃	25℃	35℃
Surface dry (humidity 60%)	5h	2h	1h
Hard dry (humidity 60%)	24h	12h	5h

Directory • Roofing

RF08 | Waterborne Acrylic coating for stone coated metal roof tile（Primer and Topcoat)

Application use:

It is firmly attached to metal substrates such as galvanized aluminum-zinc and steel, enhancing the adhesion of the upper coating film. It is more applied to metal color stone roofing tiles.

Directory • DIY Hand Spray

DIY08 | Waterborne Acrylic DIY manual spray coating

Application use:

It is suitable for surface protection and decoration of indoor and outdoor general walls, metal, wooden furniture, doors and windows, etc.

Product Description:

Metal Color Stone Tile, produced from galvanized aluminum-zinc steel sheet combined with high-temperature vitrified color stones. Metal color stone tiles are quick to install, available in various styles and colors, and are fireproof, noise-reducing, and rust-resistant. They can withstand harsh weather conditions and require no maintenance costs, making them the most popular new eco-friendly roofing tiles currently.

Our Waterborne Acrylic coating for stone coated metal roof tile adhesive is an essential material in the production process of metal color stone tiles. It is a new generation of eco-friendly waterproof adhesive, prepared using tackifying functional resins and nano-functional materials, free from organic solvents and without the addition of heavy metal pigments. It has good chemical and water resistance, moderate flexibility, and outstanding sand bonding ability, capable of meeting the protection requirements of the entire color stone tile.

The product is divided into primer and topcoat. The primer is used for spraying on the base of the metal color stone tile, and after the high-temperature vitrified color stones are sprayed, the metal color stone tile topcoat adhesive is applied. The product can firmly bond the metal and color stones together, forming a seamless roofing system to ensure the durability and stability of the tiles.

There are two models of products: primer and topcoat.

Rf08 Primer: Waterborne Acrylic coating for stone coated metal roof tile Primer

Rf08 Topcoat: Waterborne Acrylic coating for stone coated metal roof tile Topcoat

Product performance parameters:

Model	RF08 Primer			RF08 Topcoat		
Gloss	Flat			High gloss		
Popular colors	Black,Customized colors			Transparent		
Solids by volume	56 ±2%			45 ±2%		
Density	1.2 kg/l			1.05 kg/l		
Wet film thickness	180-220 μm			220-260 μm		
Dry film thickness	100-120 μm			100-120 μm		
Theoretical coating rate	5.6-4.7 ㎡/l			4.5-3.8 ㎡/l		
Adhesion	Grade 0-1			Grade 0-1		
Impact resistance	50 kg / cm			50 kg / cm		
Drying time / Temperature	15°C	25°C	35°C	15°C	25°C	35°C
Surface dry (humidity 60%)	3h	2h	1h	3h	2h	1h
Hard dry (humidity 60%)	8h	6h	4h	8h	6h	4h

Product Description:

This product is a water-based multifunctional spray paint. It is composed of water-based polymer emulsion, pigments, fillers and additives. It adopts a brand-new binary packaging structure and is atomized by compressed air, solving the problems of traditional spray paint such as strong odor, flammability and explosiveness.

This product has a dense paint film, fast drying speed, convenient construction and good leveling performance. Shake well before use to mix evenly. When spraying, keep a distance of 15-20 centimeters from the surface. Do not spray too thickly at one time. You can use thin spraying multiple times. After each spraying, spray the can upside down for about 3 seconds to remove the remaining paint to avoid clogging the induction pipe and nozzle after the paint dries.

Product performance parameters:

Model	DIY08		
Gloss	High gloss		
Popular colors	White,Gray,Bright Red,Peacock Blue,Customized colors		
Solids by volume	34 ±2%		
Density	1.1 kg/l		
Wet film thickness	115-145 μm		
Dry film thickness	40-50 μm		
Theoretical coating rate	8.5-6.8 m^2/l		
Adhesion	Grade 0-1		
Impact resistance	50 kg / cm		
Drying time / Temperature	15°C	25°C	35°C
Surface dry (humidity 60%)	1.5h	40min	30min
Hard dry (humidity 60%)	8h	5h	3h

Directory • Pipe Scaffolding

PS08 | Waterborne Acrylic Glossy coating for Pipe Scaffolding two in one

Application use:

It is suitable for scaffolds, machinery and formworks with general requirements. It can be dip-coated or sprayed. It has good sag resistance and high gloss.

Product Description:

This product is prepared with water-based acrylic anti-rust functional resin and non-toxic and environmentally friendly anti-rust pigments. It does not contain organic solvents. It has good durability and decoration, and the color is lasting and bright. It has good anti-rust and sealing performance, resistance to acid, alkali and salt spray, and is water-based and environmentally friendly.

Especially for those scaffolds that need to be used for a long time or repeatedly, the protective layer provided by this product can help extend the service life of the scaffold and reduce maintenance costs. The fast drying characteristic of this product makes it suitable for projects that need to be completed quickly. This can shorten the construction period and accelerate the overall project progress.

Especially when construction projects are located near schools, hospitals or residential areas, using this product can reduce the impact on the surrounding environment and residents because they produce less harmful substances and are odorless during construction and drying.

Product performance parameters:

Model	PS08		
Gloss	High gloss		
Popular colors	White,Gray,Bright Red,Peacock Blue,Customized colors		
Solids by volume	32 ±2%		
Density	1.1 kg/l		
Wet film thickness	125-150 μm		
Dry film thickness	40-50 μm		
Theoretical coating rate	8-6.4 ㎡/l		
Adhesion	Grade 0-1		
Impact resistance	50 kg / cm		
Drying time / Temperature	15°C	25°C	35°C
Surface dry (humidity 60%)	1.5h	40min	30min
Hard dry (humidity 60%)	8h	5h	3h

Directory • Mirror

GM09 | Waterborne Polyurethane coating for mirror back

Application use:

It is suitable for the decoration and protection of acrylic mirrors, glass aluminum mirrors, glass silver mirrors, copper-free silver mirrors and glass mirrors.

Product Description:

This product is a water-based mirror back coating. It is refined with special self-crosslinking resin as the film-forming material and added with coloring pigments, anti-rust pigments, fillers and additives. It has small odor, low VOC content, is water-based and environmentally friendly, has high hardness and fast drying speed.

This product is suitable for multiple construction methods, and can be constructed by methods such as curtain coating, roller coating and spraying. The mirror produced by using this product will not have phenomena such as paint film chipping or falling off when cutting, edging or drilling.

There are two models of products:

M09A: Waterborne Polyurethane coating for Acrylic mirror back

M09G: Waterborne Polyurethane coating for Glass aluminum mirror back

Product performance parameters:

Model	M09A			M09G		
Gloss	Flat			Flat		
Popular colors	White,Gray,Customized colors			White,Gray,Customized colors		
Solids by volume	40 ±2%			40 ±2%		
Density	1.16 kg/l			1.16 kg/l		
Wet film thickness	20-50 μm			20-50 μm		
Dry film thickness	10-20 μm			10-20 μm		
Theoretical coating rate	40-20 ㎡/l			40-20 ㎡/l		
Adhesion	Grade 0-1			Grade 0-1		
Impact resistance	50 kg / cm			50 kg / cm		
Drying time / Temperature	15°C	25°C	35°C	15°C	25°C	35°C
Surface dry (humidity 60%)	1h	30min	15min	1h	30min	15min
Hard dry (humidity 60%)	4h	3h	2h	4h	3h	2h

Directory • Food Grade Pipeline

FG02 | Solvent Free Epoxy for food grade metal surface

Application use:

It is suitable for anti-corrosion protection inside drinking water pipelines used in urban or municipal engineering, and anti-corrosion protection inside household or industrial water tanks, sinks and water towers.

Product Description:

This series of products are based on epoxy resin, titanium dioxide and quartz sand mixed to make component A of base material. Component B of curing agent is composed of polyamide. Component A and component B are proportioned according to mass fraction (the ratio of A to B is 5:1), constituting a two-component epoxy resin coating for anti-corrosion of the inner wall of drinking water pipelines. It meets the requirements of the "Hygienic Safety Evaluation Specification for Drinking Water Transmission and Distribution Equipment and Protective Materials" (2001).

It is recommended to use an AB pump two-component airless spraying machine, or a built-in rotary spraying machine or a hard bristle brush or a roller for roller coating to evenly coat the surface of the substrate to obtain a uniform and good coating film. Before construction, the liquid materials of components A and B must be stirred evenly with an electric mixer, and then the components A and B are mixed evenly.

Product performance parameters:

Model	PC04		
Gloss	Glossy		
Popular colors	White,Gray,Customized colors		
Solids by volume	96 ±2%		
Density	1.7 kg/l		
Wet film thickness	104-155 μm		
Dry film thickness	100-150 μm		
Theoretical coating rate	10-6.7 ㎡/l		
Adhesion	Grade 1		
Impact resistance	50 kg / cm		
Drying time / Temperature	15°C	25°C	35°C
Surface dry (humidity 60%)	5h	3h	2h
Hard dry (humidity 60%)	2h	12h	8h

Directory • Floor

FL02 | Solvent-free Epoxy coating floor sealer (Primer and Topcoat)

Application use:

It is specially designed for industrial floors, laboratories, hospitals, food and beverage factories, kitchens, high-tech production equipment factories, dairy factories, warehouses, loading and unloading areas, factories and hangars. It is suitable for various floors that are subjected to different degrees of mechanical impact and chemical contact.

Product Description:

This product is a high-performance two-component solvent-free amine-cured epoxy coating. The ratio of component A to component B is 5:3. This product is a self-leveling product, making the surface seamless, wear-resistant, impact-resistant, chemical-resistant and anti-slip, suitable for construction on certified primers on concrete substrates.

It can be used as a leveling material in local undulating or slightly pitted substrate defects. If there is a thickness requirement greater than 2mm, quartz sand can be added to the topcoat and scraped for 1-2 times before applying the topcoat. This product complies with the regulations of the US Food and Drug Administration (FDA).

There are two models of products: primer and topcoat.

FL02 Primer: Solvent-free Epoxy coating floor sealer Primer

FL02 Topcoat: Solvent-free Epoxy coating self-leveling floor Topcoat

Product performance parameters:

Model	FL02 Primer			FL02 Topcoat		
Gloss	High gloss			High gloss		
Popular colors	Transparent			Green,Gray, Customized colors		
Solids by volume	98 ±2%			98 ±2%		
Density	1.1 kg/l			1.3 kg/l		
Wet film thickness	40-50 μm			1000-1500 μm		
Dry film thickness	40-50 μm			1000-1500 μm		
Theoretical coating rate	25-20 ㎡/l			1-0.7 ㎡/l		
Adhesion	Grade 1			Grade 1		
Impact resistance	50 kg / cm			50 kg / cm		
Drying time / Temperature	15°C	25°C	35°C	15°C	25°C	35°C
Surface dry (humidity 60%)	10h	4.5h	4h	10h	4.5h	4h
Hard dry (humidity 60%)	24h	12h	8h	24h	12h	8h

● Floor surface waterborne paints spray system

Product	Model	Details in page	Single coat thickness	Times of coating	Dry film thickness	Theoretical consumption	Total dry film thickness
Solvent Free Epoxy Primer	FL02 Primer	59-60	30μm	1	30μm	0.033kg/㎡	Not less than 230μm
Solvent Free Epoxy Topcoat	FL02Topcoat	59-60	100μm	1-2	200μm	0.27kg/㎡	

Directory • Pavement

PM09C | Waterborne Silicon PU Color Modification coating for asphalt pavement Topcoat

Application use:

It is suitable for coloring and high anti-fouling and weather resistance protection applications of cement and concrete permeable floor pavement, asphalt pavement, adhesive stone pavement, and cold-mixed asphalt pavement.

Product Description:

This product is a high-durability water-based polyurethane topcoat. It is made of high-performance polyurethane resin and refined with high UV-resistant additives. It has high adhesion, is waterproof and anti-slip, has excellent anti-yellowing and durability. It is a high-grade water-based topcoat for special floors that can achieve excellent anti-corrosion and weather resistance functions.

This product is a two-component product. The ratio of component A to component B is 20:1. It is widely used in coloring and renovation of asphalt pavement, permeable concrete, and cold-mixed asphalt.

Product performance parameters:

Model	PM09C		
Gloss	Glossy		
Popular colors	Blue,White,Customized colors		
Solids by volume	35 ±2%		
Density	1.2 kg/l		
Wet film thickness	114-140 μm		
Dry film thickness	40-60μm		
Theoretical coating rate	8.8-7 ㎡/l		
Adhesion	Grade 1		
Impact resistance	50 kg / cm		
Drying time / Temperature	15°C	25°C	35°C
Surface dry (humidity 60%)	1.5h	40min	30min
Hard dry (humidity 60%)	8h	5h	3h

Directory • Pavement

PM09 | Waterborne Silicon PU coating for playing field (Primer and Topcoat)

Application use:

It is suitable for a variety of outdoor and indoor sports fields, such as basketball courts, tennis courts, football fields, etc., and adapts to different climatic conditions and usage frequencies.

Product Description:

This product is made of high-performance silicone-modified water-based polyurethane resin. It is a high-performance coating material specially used for sports fields. It combines the advantages of polyurethane (PU) and silicone and provides a series of excellent performance characteristics.

This product has an upper hard and lower elastic structure. The elastic bottom layer provides necessary cushioning and reduces sports injuries. It is environmentally friendly and odorless. It has little impact on the environment and human health during construction and use. It is durable and anti-slip. The paint surface layer is tough and dense and is not easily scratched by shoe soles or other hard objects. Cleaning and maintenance are relatively simple. It is an ideal choice for building and maintaining professional sports fields.

There are two models of products: primer and topcoat.

Pm09 Primer: Waterborne Silicon PU coating for playing field Primer

Pm09 Topcoat: Waterborne Silicon PU coating for playing field Topcoat

Product performance parameters:

Model	PM09 Primer			PM09 Topcoat		
Gloss	High gloss			Flat		
Popular colors	Transparent			Green,Red,White,Customized colors		
Solids by volume	36 ±2%			33 ±2%		
Density	1.1 kg/l			1.2 kg/l		
Wet film thickness	115-150 μm			150-180 μm		
Dry film thickness	40-50 μm			50-60 μm		
Theoretical coating rate	8.8-7 ㎡/l			6.6-5.5 ㎡/l		
Adhesion	Grade 1			Grade 1		
Impact resistance	50 kg / cm			50 kg / cm		
Drying time / Temperature	15°C	25°C	35°C	15°C	25°C	35°C
Surface dry (humidity 60%)	5h	2h	1h	2h	30min	20min
Hard dry (humidity 60%)	8h	5h	3h	4h	2h	1h

Recommended Construction Setups

Below are the recommended construction package and coating thickness plan based on our project applications in China. Considering variables in construction, including standards of different countries, construction losses, and environmental factors, etc., this plan is only for customer reference and it is emphasized that appropriate adjustments should be made according to actual needs. We suggest that customers flexibly implement the construction plan according to project characteristics and specific needs to ensure achieving the ideal coating and protection effect required by the project.

Steel Construction Anti-corrosion and rust prevention - Light-duty Corrosion Protection Package (5-10 years)

Product-Solution (A)	Model	Details in page	Single coat thickness	Times of coating	Dry film thickness	Theoretical consumption	Total dry film thickness
Waterborne Acrylic Primer	S08 Primer	7-8	60μm	1	60μm	0.25kg/m²	Not less than 120μm
Waterborne Acrylic Topcoat	S08 Topcoat	7-8	60μm	1	60μm	0.25kg/m²	
Product-Solution (B)	**Model**	**Details in page**	**Single coat thickness**	**Times of coating**	**Dry film thickness**	**Theoretical consumption**	**Total dry film thickness**
Waterborne Alkyd Primer	S01 Primer	11-12	60μm	1	60μm	0.25kg/m²	Not less than 120μm
Waterborne Alkyd Topcoat	S01 Topcoat	11-12	60μm	1	60μm	0.25kg/m²	
Product-Solution (C)	**Model**	**Details in page**	**Single coat thickness**	**Times of coating**	**Dry film thickness**	**Theoretical consumption**	**Total dry film thickness**
Waterborne Alkyd Primer Two in one	S01T	13-14	40μm	2	80μm	0.25kg/m²	Not less than 80μm

Steel Construction Anti-corrosion and rust prevention - Heavy-duty Corrosion Protection Package (15-25 years)

Product-Solution (A)	Model	Details in page	Single coat thickness	Times of coating	Dry film thickness	Theoretical consumption	Total dry film thickness
Waterborne Epoxy Zinc rich Primer	S03	17-18	40μm	2	80μm	0.45kg/m²	Not less than 250μm
Waterborne Epoxy Intermediate coat	S02	19-20	100μm	1	100μm	0.52kg/m²	
Waterborne Polyurethane Topcoat	S09	15-16	40μm	2	80μm	0.35kg/m²	
Product-Solution (B)	**Model**	**Details in page**	**Single coat thickness**	**Times of coating**	**Dry film thickness**	**Theoretical consumption**	**Total dry film thickness**
Waterborne Epoxy Zinc rich Primer	S03	17-18	40μm	2	80μm	0.45kg/m²	Not less than 250μm
Waterborne Epoxy Intermediate coat	S02	19-20	100μm	1	100μm	0.52kg/m²	
Waterborne Fluorocarbon Topcoat	PC 04	41-42	40μm	2	80μm	0.35kg/m²	

● Mechanical Equipment Surface Anti-corrosion and rust prevention Package

Product-Indoor	Model	Details in page	Single coat thickness	Times of coating	Dry film thickness	Theoretical consumption	Total dry film thickness
Waterborne Epoxy Primer	Me02 Primer	23-24	40μm	1	40μm	0.20kg/㎡	Not less than 90μm
Waterborne Polyurethane Topcoat	M E09 Or ME09P	25-28	50μm	1	50μm	0.18kg/㎡	

Product-Outdoor	Model	Details in page	Single coat thickness	Times of coating	Dry film thickness	Theoretical consumption	Total dry film thickness
Waterborne Epoxy Primer	Me02 Primer	23-24	40μm	2	80μm	0.40kg/㎡	Not less than 180μm
Waterborne Polyurethane Topcoat	ME09 Or ME09P	25-28	50μm	2	100μm	0.36kg/㎡	

● Mechanical Equipment Hardware and Automotive Spare Parts Surface Anti-corrosion and rust prevention Package

Product	Model	Details in page	Single coat thickness	Times of coating	Dry film thickness	Theoretical consumption	Total dry film thickness
Waterborne Amino Baking two in one	ME07	29-30	20μm	1-2	20-50μm	0.069-0.138 kg/㎡	20-50μm

● Petrochemical Industry (Internal) Static conductive protection system for internal bottom plates (Including the first ring plate) of Refined or Intermediate Oil Storage Tanks (≧8 years)

Product	Model	Details in page	Single coat thickness	Times of coating	Dry film thickness	Theoretical consumption	Total dry film thickness
Waterborne Epoxy Primer	PC02 Primer	31-32	50μm	3	150μm	0.63kg/㎡	Not less than 350μm
Waterborne Epoxy Topcoat	PC02 Topcoat	31-32	50μm	4	200μm	0.80kg/㎡	

● Petrochemical Industry (Internal) Static conductive protection system for internal top, outer sides, and internal accessories of floating roof structures of Refined or Intermediate Oil Storage Tanks (≧8 years)

Product	Model	Details in page	Single coat thickness	Times of coating	Dry film thickness	Theoretical consumption	Total dry film thickness
Waterborne Epoxy Primer	PC02 Primer	31-32	50μm	2	100μm	0.42kg/㎡	Not less than 250μm
Waterborne Epoxy Topcoat	PC02 Topcoat	31-32	50μm	3	150μm	0.6kg/㎡	

● Petrochemical Industry (Internal) Static conductive protection system for internal top, outer sides, and internal accessories of floating roof structures of Crude Oil Tanks, (≧8 years)

Product	Model	Details in page	Single coat thickness	Times of coating	Dry film thickness	Theoretical consumption	Total dry film thickness
Waterborne Epoxy Primer	PC02 Primer	31-32	50μm	2	100μm	0.42kg/㎡	Not less than 250μm
Waterborne Epoxy Topcoat	PC02 Topcoat	31-32	50μm	3	150μm	0.60kg/㎡	

● Petrochemical Industry (Internal) Insulated corrosion protection system for internal bottom and first ring plate of Crude Oil Tanks, (≧8 years)

Product	Model	Details in page	Single coat thickness	Times of coating	Dry film thickness	Theoretical consumption	Total dry film thickness
Waterborne Epoxy Primer	PC02T Primer	33-34	50μm	3	150μm	0.63kg/㎡	Not less than 350μm
Waterborne Epoxy Topcoat	PC02T Topcoat	33-34	50μm	4	200μm	0.8kg/㎡	

● Petrochemical Industry (Internal) Insulated corrosion protection system for interior of floating compartments in Crude Oil Tanks, (≧8 years)

Product	Model	Details in page	Single coat thickness	Times of coating	Dry film thickness	Theoretical consumption	Total dry film thickness
Waterborne Epoxy Primer	PC02T Primer	33-34	50μm	2	100μm	0.4kg/㎡	Not less than 100μm

● Petrochemical Industry (External) Thermal insulation and anti-corrosion package for the top of the oil storage tanks, (≧8 years)

Product	Model	Details in page	Single coat thickness	Times of coating	Dry film thickness	Theoretical consumption	Total dry film thickness
Waterborne Epoxy Primer	ME02 Primer	23-24	50μm	2	100μm	0.42kg/㎡	Not less than 400μm
Waterborne Acrylic Intermediate coat	PC08H Mid-coat	35-36	100μm	2	200μm	0.70kg/㎡	
Waterborne Acrylic Topcoat	PC08 H Topcoat	35-36	50μm	2	100μm	0.32kg/㎡	

● Petrochemical Industry (External) Thermal insulation and anti-corrosion package for the outer walls of the oil storage tanks, (≧8 years)

Product	Model	Details in page	Single coat thickness	Times of coating	Dry film thickness	Theoretical consumption	Total dry film thickness
Waterborne Epoxy Primer	ME02 Primer	23-24	50μm	2	100μm	0.42kg/㎡	Not less than 350μm
Waterborne Acrylic Intermediate coat	PC08H Mid-coat	35-36	75μm	2	150μm	0.53kg/㎡	
Waterborne Acrylic Topcoat	PC08H Topcoat	35-36	50μm	2	100μm	0.32kg/㎡	

● Petrochemical Industry Corrosion prevention system for industrial installations and pipe bridges etc, specifically designed for C4 and C5 Corrosivity Environments.e Tanks (≧8 years)

Product-Refurbishment (4-6years)	Model	Details in page	Single coat thickness	Times of coating	Dry film thickness	Theoretical consumption	Total dry film thickness
Waterborne Alkyd Primer	PC01 Primer	39-40	50μm	2	100μm	0.37kg/㎡	Not less than 200μm
Waterborne Alkyd Topcoat	PC01Topcoat	39-40	50μm	3	100μm	0.31kg/㎡	

Product-New facilities(6-8years)	Model	Details in page	Single coat thickness	Times of coating	Dry film thickness	Theoretical consumption	Total dry film thickness
Waterborne Acrylic Primer	PC08 Primer	37-38	50μm	2-4	100-200μm	0.36-0.72kg/㎡	Not less than 200-400μm
Waterborne Acrylic Topcoat	Pc08 Topcoat	37-38	50μm	2-4	100-200μm	0.30-0.60kg/㎡	

Product-Durable(10years)	Model	Details in page	Single coat thickness	Times of coating	Dry film thickness	Theoretical consumption	Total dry film thickness
Waterborne Epoxy Primer	PC02T Primer	33-34	50μm	2	100μm	0.42kg/㎡	Not less than 280μm
Waterborne Epoxy Intermediate coat	ME02 Mid-coat	23-24	50μm	2	100μm	0.32kg/㎡	
Waterborne Fluorocarbon Topcoat	PC04	41-42	40μm	2	100μm	0.28kg/㎡	

ISO9001:2015 ISO14001:2015 ISO45001:2018 National Environmental Protection Products Ultra-Low VOC Water-Based Eco-Friendly Low Carbon

Production lines and Testing equipment

Laboratory environment and testing work site

Factory production line

- Touchscreen electric pencil surface hardness tester

- Salt fog box

- Coating Thickness Gauge

- Coating conductivity tester

- Triangular glossiness meter for paint film

- Xenon lamp aging machine

- Minimum Film Forming Temperature Tester (Compressor Refrigeration)

- Impact resistance tester

- Digital rotary viscometer

- Type abrasion tester

- Pull off adhesion tester

- Coating Temperature Resistance Test Chamber

Some Project Cases


SHANDONG NINGDA GROUP


SINOPEC STORAGE TANK


XING FEN QIAO


HENGSHUI LAKE SCENIC BRIDGE


HENGSHUIYUAN EXPO PARK


DONGGUAN DONGYI STEEL STRUCTURE


HENG SHUI YUHUA STREET CROSSES
BEIJING-KOWLOON RAILWAY BRIDGE


CHENG QIN HIGH SPEED BRIDGE


LECONG STEEL WORLD


TIANSHAN CEMENT


BHARAT TURBINE ROOM, INDIA


HUAIBEI MINING GROUP


INDONESIA SINAR MAS GROUP


XINHUA SPECIAL STEEL


MINING MACHINE


YIDONG COAL GROUP COAL PREPARATION PLANT


HUIRONG FINANCIAL WEALTH CENTER


PUNTA MAIN FACTORY


ZHUHAI HENGQIN RAILWAY CONSTRUCTION PLAZA

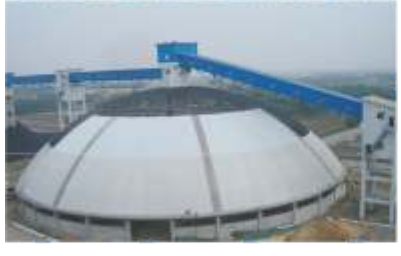

YANGTZE RIVER STEEL


GUANGZHOU AIRPORT AVENUE


ANHUI GUOXUAN TANGCHI ART PALACE GRID DOME


STORAGE SILO OF WANDE CEMENT PLANT, INDIA


INDONESIA VITABAY INDUSTRIAL PARK


HUAINAN MINING BUREAU CAPTIVE POWER PLANT


OPEN-PIT COAL STORAGE DOME


DOME OF COAL DEPOT IN PUYANG CITY, HENAN


DOME OF COAL STORAGE PLANT


JINING POWER PLANT COAL STORAGE DOME


DALIAN GANJINGZI POWER PLANT


STORAGE SILO OF BIRLAR CEMENT PLANT, INDIA


INDIA CEMENT PLANT COAL STORAGE BUNKER


HUOLINHE COAL STORAGE DOME


HUOLINHE COAL STORAGE DOME


HUOLINHE COAL STORAGE DOME


STORAGE SILO DOME OF INDIAN CEMENT PLANT

Waterborne Anti-corrosive Coatings Construction Instructions

Surface treatment:

The performance of the coating is usually proportional to the surface treatment. All surfaces must be clean, dry, free of oil, grease, dust or other contaminants.

- For steel surfaces, all rolled iron filings and rust must be completely removed. The treatment standard should reach the rust removal grade and roughness required by the product instructions. When cleaning cold-rolled steel surfaces, use steam degreasing or solvent emulsification to remove all oil, grease and other dirt. Wiping with solvent alone cannot meet the cleaning requirements. For information on phosphating surface treatment, please contact our technical department.
- For aluminum surfaces or galvanized surfaces, clean with neutral detergent or emulsion to remove grease or soap film, conduct phosphating treatment or perform slight sandblasting with fine abrasives.
- For concrete surfaces, use power tools to treat the surface or flush the surface with high-pressure fresh water to make the surface rough, hard and free of contaminants. The pH value of the treated surface should be 6-8. The surface should be rough, flat, uniform, dry and free of loose layers. The treated surface must also be dried for two days in an environment with a relative humidity of less than 65%, a temperature of 20°C and good ventilation. Before application, scratch the concrete surface with a sharp knife. If only a clear knife mark is visible, it means that the firmness has reached the requirement. Concrete must be cured and dried before construction. Generally, it takes 28 days for silicate concrete to fully cure.
- Conduct local experiments before coating to determine the compatibility and adhesion between coatings.
- For maintenance surfaces, perform local sandblasting treatment or clean with tools. Process according to the surface treatment requirements, expose the substrate and smooth the edges. Remove all dust and dirt before spraying.

Construction methods:

- Brush coating: Brush coating is generally used for small-scale coating decoration or for priming coatings on surfaces with relatively low surface treatment degrees, so that the coating can effectively penetrate into the rusted steel substrate. Brush coating is especially suitable for pre-coating and coating complex steel structures. However, this method has a slower construction speed. Compared with high-pressure airless spraying, it usually cannot obtain a large film thickness at one time.
- Roller coating: When coating flat large-area surfaces, roller coating is faster than brush coating and can be used to coat most decorative coatings. However, when using roller coating, the film thickness is not easy to control. Like brush coating, it is difficult to obtain a thick film using roller coating.
- Air spraying (conventional): This is a widely used rapid coating method. When in use, the coating is atomized by the action of low-pressure air flow. The air volume, air pressure and flow rate must be well coordinated to ensure good atomization of the coating and defect-free paint film formation. The disadvantage is that thick paste coatings cannot be sprayed. The reason is that the coating must be diluted to an appropriate viscosity to be atomized.
- Air spraying (with pressure tank): This method is to use a pressure tank in conjunction with a traditional low-pressure air flow spray gun, so that the coating is under a fixed pressure. When a large amount of coating is required, it is recommended to use fixed pressure tank air spraying.
- High-pressure airless spraying: The difference between high-pressure airless spraying and air spraying is that it does not mix air with the coating to form paint mist, so it is called "airless". Its atomization is achieved by spraying the coating at the nozzle by hydraulic pressure.

Construction guidelines:

- Clean all tools with clean water before construction.
- For two-component coatings, thoroughly stir the main paint, then add the curing agent and mix evenly. The amount of coating mixed at one time should be controlled to be used up within the usage time after mixing. The mixing ratio of resin and curing agent should be mixed according to the ratio required in the instructions. Pay attention to distinguishing between weight ratio and volume ratio.

- The surface temperature should be 3°C higher than the dew point to prevent water vapor condensation. Generally, for epoxy series coatings, the construction temperature is required to be above 10°C for normal construction and curing. For individual cases, please refer to the product instructions.
- Thoroughly stir the coating before construction. In narrow spaces, ensure good ventilation during construction and drying.
- Storage requirements: Store in a cool and dry place. The storage period of coating products is one year.

Statements:

- The information provided in the various product instructions involved in this manual is entirely based on the knowledge we have gained in laboratories and practice. However, the use of coatings is usually beyond our control. In addition to the quality of the coating itself, we cannot guarantee anything. We reserve the right to modify the provided data without prior notice.
- For any claims for loss or damage (including claims caused by our negligence) arising from the use of our products, in any case, the amount should not exceed the purchase price of the product or the price of the relevant part related to the claim. Under no circumstances shall we be responsible for indirect or incidental losses.

Health and safety for humans:

Our company's waterborne anti-corrosive paint does not need to be diluted with solvents. Therefore, it is harmless to human body and there is no hidden danger of flammability and explosion.

- Ensure good ventilation conditions. Do not eat, drink or avoid inhaling paint mist at the construction site.
- When constructing, pay special attention to protecting the eyes to prevent paint from splashing in. If the eyes come into contact with splashed paint, immediately rinse with a large amount of clean water and seek medical attention as soon as possible.

Special notes and reminders:

Compared with traditional solvent-based products, waterborne metal anti-corrosive coatings have basically the same surface treatment and construction methods and means for substrates. However, waterborne products still have some of their own characteristics and requirements.

- There should be no oil stains on the substrate surface because water and oil are immiscible. If there are oil stains on the substrate surface, it will affect the adhesion of the coating film.
- During the coating film formation (or drying) process, all solvents (water or organic solvents) must be completely evaporated. Since water-based products evaporate water, if the humidity in the air is greater than 85%, the evaporation rate of water is very slow. If it reaches 100%, the water basically cannot evaporate. Therefore, when the humidity is greater than 85%, it has a great impact on the construction of water-based products.It is recommended to avoid construction under such high humidity conditions.
- Whether it is a water-based product or a solvent-based product, during the construction process, it is hoped that the construction environment has relatively good ventilation or air circulation conditions to ensure the drying speed of the product.
- The floating rust generated during the grinding treatment of the substrate must be cleaned up.
- It is prohibited to mix with other brand coatings or organic solvents. If diluted with clean water, the proportion of added water for dilution shall not exceed 20% of the coating quality. If in doubt, you can contact our company for consultation.

Note:

The various data provided in this manual are necessary to ensure customer satisfaction. If the user cannot process and construct in accordance with the above standards during use, our company will not be responsible for any consequences. At the same time, as the product is continuously updated and developed, our company will adjust the data in this manual without notice.

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