

WAC-PR0631 Waterborne Acrylic Rust Transfer Primer

Product Description

WAC-PR0631 is a 1k Waterborne Acrylic Rust Transfer Primer. It can react with a certain thickness of rust to form chelates, becoming an integral part of the paint film.

Thinner: Deionized water

Typical Use

It is suitable for rusted steel structure coatings, maintenance and re-coating of factories and machinery, renovation of rusted color steel tiles, as well as the occasions where it is difficult to remove rust by thorough sanding. During application, the film thickness must be greater than the thickness of the rust layer.

Physical Parameter

Color available	Cream Yellow, Cream White and customized.
Gloss	41~60
VOC g/L	<150
Volume Solids	36 ± 2%
Dry film Thickness(μm)	20~40
Flash point °C	24
Density	1.05
Theoretical Coverage	18 m ² /L, 17.14 m ² /kg

Substrate Preparation

- (1) The surface of the primer should be clean and dry, free from oil, dust and other contaminations.
- (2) Loose rust, scale, and other corrosion products should be removed.

Application Conditions

- (1) The substrate temperature must be at least 3°C above the dew point, with a relative humidity not exceeding 80%. The optimal humidity range for application is 40~70%
- (2) For applications in confined or enclosed spaces, as well as in low-temperature and high-humidity environments, ventilation must be increased during application and drying

Application

Methods	Air Spraying	Airless Spraying	Brush	Roller
Dilution	10~15%	0~10%	0~5%	0~5%
Nozzle	1.5~2.5mm	0.28~0.53mm	/	/
Pressure	0.3~0.5MPa	15MPa	/	/

Drying Time

Temperature of substrate	5°C	10°C	23°C	40°C
Surface Dry Time	2H	1H	30Min	10Min
Full Dry Time	24H	12H	5H	2H
Min. Recoating Interval	24H	12H	5H	2H

Recommended System

Previous coat : epoxy primer, acrylic primer, chlorinated rubber primer and etc.

Storage

6 months in a dry, ventilated and cool place under sealed container, away from heat and fire.

For professional use only!