

SAC-PR0611 Acrylic Resin Primer

Product Description

SAC-PR0611 is a 1K Acrylic Resin Anti-rust Primer.

Thinner: ZSX0510

Typical Use

It is mainly used for rust prevention and priming of hardware and electromechanical device, instrument, mechanical equipment, steel structure, etc. It can also be used for sealing and priming the surface of concrete structure.

Physical Parameter

Color available	Iron red, Gray and customized.
Gloss	≤10
VOC (g/L)	452
Volume Solids	48±2%
Density(g/ml)	1.6
Dry film Thickness(μm)	30~50
Flash point °C	25
Theoretical Coverage	8.4m ² /L, 5.25 m ² /kg

Substrate Preparation

- (1) The surface of the substrate should be clean and dry, free from oil, dust and other contaminations.
- (2) Steel surface are blast cleaned to Sa 2½ (ISO 8501-1), roughness Ry5: 30~50μm (ISO 8503-2)
- (3) Partial sanding to St3

Application Conditions

- (1) The substrate temperature must be at least 3°C above the dew point, with a relative humidity not exceeding 85%.
- (2) When applying below freezing temperatures, ensure the surface is free of ice.
- (3) For applications in confined or enclosed spaces, increase ventilation during application and drying.

Application

Methods	Air Spraying	Airless Spraying	Brush	Roller
Nozzle	1.5~3.5mm	0.38~0.53mm	5%	
Dilution	5-10%	0-5%	For small areas only	
Pressure	0.3-0.5MPa	15MPa		

Drying Time

Temperature of substrate	0℃	10℃	23℃	40℃
Surface Dry Time	2H	1H	30Min	20Min
Full Drying Time	8 H	6H	3H	1H
Min. Recoating Time	8H	6H	3H	1H

Recommended System

Subsequent coat: acrylic topcoat, chlorinated rubber topcoat, etc.

Storage

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

For professional use only!