

SAK-PR5301 Alkyd Anti-Rust Primer

Product Description

SAK- PR5301 is formulated with alkyd resin as the primary film former, incorporating inhibitive pigments such as iron oxide red and phosphates, along with hardeners, additives, and solvents.

Thinner: ZSX0610

Typical Use

It is suitable for rust prevention and priming of indoor and outdoor steel structures, municipal facilities, commercial buildings, and machinery in mild to moderate corrosive environments according to ISO 12944-2 corrosion categories C2 and C3.

Physical Parameter

Color available	Iron Red, Gray and customized.
Gloss	≤ 10
Flash Point $^{\circ}\text{C}$	35
VOC (g/L)	374
Volume Solids	60 $\pm$ 2%
Dry film Thickness(μm)	30~50
Density (g/ml)	1.54
Theoretical Coverage	12.0 m ² /L, 7.79 m ² /kg

Substrate Preparation

- (1) The surface of the substrate should be clean and dry, free from oil, dust and other contaminations. Use SSPC SP1 Solvent cleaning
- (2) Jet cleaned to Sa2 or higher, or Power tool grinding to St2 or St3

Application Conditions

- (1) The substrate temperature must be at least 3 $^{\circ}\text{C}$ above the dew point, with a relative humidity not exceeding 85%.
- (2) For applications in confined or enclosed spaces, increase ventilation during application and drying.

Application

Methods	Air Spraying	Airless Spraying	Brush	Roller
Dilution	10~15%	5~10%	5~10%	
Nozzle	2.0~3.0mm	0.28~0.53mm	Be applicable	
Pressure	0.3~0.4MPa	10MPa		

Drying Time

Temperature of substrate	5°C	10°C	23°C	40°C
Surface Dry Time	3H	1H	20Min	10Min
Full Drying Time	8H	6H	3.5H	2.5H
Min. Recoating Time	7H	5H	3H	2H

Recommended System

Subsequent coat: Alkyd Fast Drying Enamel, Alkyd Fast Dry Industrial Enamel

Storage

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

For professional use only!