

SAC-TC0442 Acrylic Satin Protective Topcoat

Product Description

SAC-TC0442 is formulated with thermoplastic acrylic resin, coloring pigments, plasticizers, additives, and solvents.
Thinner: ZSX0510

Typical Use

It is mainly used for protection and decoration on surfaces of hardware, electromechanical equipment, instruments, machinery, and steel structures. It can also be applied to concrete surfaces.

Physical Parameter

Color available	Mid Gray, Iron Red, Black, Light Gray, White, Blue, Green, Red, Yellow, and customized.
Gloss	61~80
VOC g/L	583
Volume Solids	38±2%
Dry film Thickness(μm)	30~50
Flash point °C	24
Density(g/ml)	1.25
Theoretical Coverage	9.5 m ² /L, 7.6 m ² /kg

Substrate Preparation

The surface of the primer or intermediate coat should be clean and dry, free from oil, dust and other contaminations.

Application Conditions

- (1) The substrate temperature must be at least 3°C above the dew point, with a relative humidity not exceeding 85%. The application surface temperature must be above 0°C.
- (2) When applying below freezing temperatures, ensure the surface is free of ice.
- (3) For applications in confined or enclosed spaces, ventilation must be increased during application and drying.

Application

Methods	Air Spraying	Airless Spraying	Brush	Roller
Dilution	5~10%	0~5%	5%	5%
Nozzle	1.5~3.0mm	0.38~0.53.mm	Suitable for small area	Suitable for small area
Pressure	0.3~0.5MPa	15MPa		

Drying Time

Temperature of substrate	0℃	10℃	23℃	30℃
Surface Dry Time	2H	1H	20Min	10Min
Full Dry Time	10H	4H	2H	1H
Min. Recoating Interval	8H	4H	2H	1H

Recommended System

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

Storage

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

For professional use only!