

WAC-TC0442 Waterborne Semi-gloss Acrylic DTM Topcoat

Product Description

WAC-TC0442 is a 1k Waterborne Acrylic Satin Protective Topcoat.

Thinner: Deionized water

Typical Use

It is suitable for the protection and decoration of the surface of indoor and outdoor steel structures, industrial plants, electromechanical products and general machinery under general corrosive environment.

Physical Parameter

Color available	Mid Gray, Iron Red, Black, Light Gray, White, Blue, Green, Red, Yellow, and customized.
Gloss	41~60
VOC (g/L)	<100
Volume Solids	32±2%
Density (g/ml)	1.20
Dry film Thickness(μm)	30~40
Theoretical Coverage	10.66m ² /L, 8.88m 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 jet cleaned to Sa 2½ (ISO 8501-1), roughness Ry5: 30~50μm (ISO 8503-2)
- (3) Power tool grinding to St3 (ISO 8501-1)

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
Nozzle	1.5~2.5mm	0.28~0.53mm	For small repairs only	For small repairs only
Dilution	5~15%	5~10%		
Pressure	/	/		

Drying Time

Temperature of substrate	5°C	10°C	23°C	40°C
Surface Dry Time	2H	1H	30Min	10Min
Full Drying Time	12H	6H	2H	1H
Min. Recoating Interval	12H	6H	2H	1H

Recommended System

DTM coatings or using waterborne acrylic fast-drying steel structure paint, waterborne epoxy anti-corrosion primer as previous coat.

Storage

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

For professional use only!