

WAC-TC0426 Waterborne Acrylic Tiling Acrylic Topcoat

Product Description

WAC-TC0426 is a 1k waterborne acrylic protective coat.

Thinner: Deionized water

Typical Use

It is mainly used for the refurbishment and maintenance coating of colored roof tiles.

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	23±2%
Dry film Thickness(μm)	30~50
Density (g/ml)	1.2±0.1
Theoretical Coverage	5.75 m ² /L, 4.79 m ² /kg

Substrate Preparation

- (1) Steel surface should be acid pickled and phosphated, or treated with silanization, to maintain cleanliness.
- (2) Steel surfaces are blast cleaned to Sa 2½ (ISO 8501-1: 2017), roughness Ry5: 30~50μm
- (3) Local touch-up, power tool grinding to at least St2 (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 85%. The optimal humidity range for application is 30~60%.
- (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	0~10%	0~10%	Only suitable for small area repairs	Only suitable for small area repairs
Nozzle	1.5~2.5mm	0.28~0.53mm		
Pressure	0.3~0.4MPa	10~15MPa		

Drying Time

Temperature of substrate	10°C	23°C	30°C
Surface Dry Time	3H	1H	0.5H
Full Drying Time	16H	4H	4H
Min. Recoating Time	16H	4H	4H

Recommended System

DTM coatings or use waterborne acrylic fast-drying steel structure paint and waterborne epoxy anti-corrosion primer as previous coats.

Storage

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

For professional use only!