

SEP-TC5055 Specialty Epoxy Anti-corrosive DTM Paint

Product Description

SEP-TC5055 is a 2k polyamide-cured epoxy resin coating.

Typical Use

Mainly used for the inner walls of pipelines, compartments, storage tanks, and other areas requiring oil resistance, water resistance, and insulation protection, such as ship oil tanks, ballast water tanks, sewage treatment tanks, crude oil tank bottoms, finished oil tanks, and transformer interiors.

Physical Parameter

Color available	Iron Red, Gray and customized.
Gloss	≤ 10
Flash Point $^{\circ}\text{C}$	28
VOC (g/L)	392
Volume Solids	55 $\pm$ 2%
Dry film Thickness(μm)	80~100
Density (g/ml)	1.45
Theoretical Coverage	6.88 m ² /L, 4.74 m ² /kg

Substrate Preparation

- (1) The surface of substrate should be clean and dry, free from oil, dust and other contaminations
- (2) Steel surfaces are blast cleaned to Sa 2½ (ISO 8501-1: 2017), roughness Ry5: 40~75 μm
- (3) Local touch-up, power tool grinding to 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, ventilation must be increased during application and drying.

Application

Mixing Ratio (by Weight)		Hardener	Induction Time (23 $^{\circ}\text{C}$)	Pot Life (23 $^{\circ}\text{C}$)	Thinner
Part A	Part B				
7	1	EH255	15Min	6H	ZSX0710

Methods	Air Spraying	Airless Spraying	Brush	Roller
Dilution	5~10%	5~10%	5~10%	
Nozzle	2.0~4.0mm	0.38~0.53mm	Suitable for small areas	
Pressure	0.3~0.5MPa	15MPa		

Drying Time

Temperature of substrate	10℃	23℃	30℃	40℃
Surface Dry Time	3H	2H	1H	30Min
Full Drying Time	24H	16H	12H	8H
Min. Recoating Time	24H	16H	12H	8H

Recommended System

This product can be used as a DTM coating. The number of spray applications can be adjusted based on the required film thickness.

Storage

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

For professional use only!