

SEP-MC5243 Epoxy MIO Mid Coat

Product Description

SEP-PR5243 is a 2k Epoxy MIO Mid Coat.

Typical Use

As an intermediate coat, it is used in combination with epoxy primers, zinc-rich primers, polyurethane topcoats, and etc.. This product is not suitable for use as a primer and is only intended for use as an intermediate coat in a recommended system. Prolonged exposure to direct sunlight may cause chalking and discoloration due to the epoxy resin's properties. Therefore, it is recommended to apply the topcoat as soon as possible.

Physical Parameter

Color available	Iron Red, Gray and customized.
Gloss	None
Flash Point °C	27
VOC (g/L)	348
Volume Solids	60±2%
Dry film Thickness(μm)	50~100
Density (g/ml)	1.60
Theoretical Coverage	12.00 m ² /L, 7.5 m ² /kg

Substrate Preparation

The surface of substrate should be clean and dry, free from oil, dust, zinc salts and other contaminations

Application Conditions

The substrate temperature must be at least 3°C above the dew point, with a relative humidity not exceeding 85%.
The surface temperature must be above 5°C.

Application

Mixing Ratio (by Weight)		Hardener	Induction Time (23°C)	Pot Life (23°C)	Thinner
Part A	Part B				
25	2.5	EH201	10Min	4H	ZSX0710

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

Drying Time

Temperature of substrate	5°C	10°C	20°C	30°C
Surface Dry Time	4H	2H	1H	30Min
Full Drying Time	24H	8H	4H	2H
Min. Recoating Time	24H	8H	4H	2H

Recommended System

Previous coat: Zinc-rich Primer, Epoxy Primer

Subsequent coat: Epoxy coat, Epoxy MIO coat and Acrylic polyurethane topcoat

Storage

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

For professional use only!