

SEP-MC5280 High Solid Epoxy MIO Mid Coat

Product Description

SEP-PMC5280 is a 2k polyamide curable epoxy micaceous iron oxide intermediate coating.

Typical Use

It should be paired with zinc-rich primers and high-weatherability topcoats, and is recommended for heavy-duty protection in fields such as wind power, thermal power, bridges, petrochemical industries, and marine engineering.

Physical Parameter

Color available	Gray and customized.
Gloss	21~40
Flash Point °C	27
VOC (g/L)	200
Volume Solids	80±2%
Dry film Thickness(μm)	75~150
Density (g/ml)	1.60
Theoretical Coverage	10.67 m ² /L, 6.67 m ² /kg

Substrate Preparation

(1) The surface of substrate should be clean and dry, free from oil, dust, zinc salt 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%.

(2) For applications in confined or enclosed spaces, increase ventilation during application and drying.

Application

Mixing Ratio (by Weight)		Hardener	Induction Time (23°C)	Pot Life (23°C)	Thinner
Part A	Part B				
10	1	EH250	10~15Min	4H	ZSX0710

Methods	Air Spraying	Airless Spraying	Brush	Roller
Dilution	10~15%	5~10%	5~10%	
Nozzle	1.5~2.5mm	0.28~0.53mm	Suitable for small areas	
Pressure	0.3~0.5MPa	15MPa		

Drying Time

Temperature of substrate	10°C	23°C	30°C	40°C
Surface Dry Time	6H	4H	2H	30Min
Full Drying Time	16H	8H	4H	2H
Min. Recoating Time	16H	8H	4H	2H

Recommended System

Previous coat: Epoxy zinc-rich primer, inorganic zinc-rich primer

Subsequent coat: Polyurethane topcoat, fluorocarbon topcoat

Storage

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

For professional use only!