

SEP-PR0641 Epoxy Primer

Product Description

SEP-PR0641 is a 2k polyamide-cured epoxy primer.

Typical Use

This primer is mainly applied in industries such as steel structures, machinery and equipment, and modified vehicles, where enhanced work efficiency is required.

Physical Parameter

Color available	Iron Red, Gray and customized.
Gloss	≤10
Flash Point °C	27
VOC (g/L)	331
Volume Solids	62 ± 2%
Dry film Thickness(μm)	50~80
Density (g/ml)	1.5
Theoretical Coverage	12.4 m ² /L, 8.26 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: 40~75μm
- (3) Power tool grinding to St3

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, ventilation must be increased during application and drying.

Application

Mixing Ratio (by Weight)		Hardener	Induction Time (23°C)	Pot Life (23°C)	Thinner
Part A	Part B				
9	1	EH201	15Min	4H	ZSX0710

Methods	Air Spraying	Airless Spraying	Brush	Roller
Dilution	5~10%	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	4H	3H	2H	30Min
Full Drying Time	16H	12H	6H	3H
Min. Recoating Time	16H	12H	6H	3H

Recommended System

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!