

EPOXY PRIMER PCR-1000 EP

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Two-component, multi purpose solvent based epoxy primer (medium filler) that specially designed for metal, plastic, fiberglass, aluminium, and wood.

FEATURES

1. Good sanding ability
2. Good adhesion to substrate or over the putty
3. Less/ no absorption to the subsequent coating layer
4. Good hiding power

PRODUCT SPECIFICATION

Type	: 2 Pack Epoxy	
Appearance	: Colored liquid	
	<u>A Component</u>	<u>B Component</u>
	PCR-1000 EP	PCR PCRH-1000 EP
Solid content (NV, w/w)	: 74 ± 2 %	22 ± 1 %
Viscosity (Din cup 6, 30°C)	: 6000 ± 2000 cps	12 ± 1 sec (Din Cup 4, 30°C)
Specific Gravity	: 1.60 ± 0.04 g/cc	0.90 ± 0.02 g/cc
Flash Point	: 36.6°C	36.6°C
Packing	: 0.8 lt. in steel can	0.2 lt. in steel can

APPLICATION

Application condition	: 25 - 35°C, 60 - 80%RH		
Application method	: Air Spray		
Substrate	: Metal, Plastics, Fiberglass, Aluminium, Wood		
Mixing ratio by	:		
	A Component	B Component	Thinner
	(PCR-1000 EP)	(PCR PCRH-1000 EP)	(THNC-71100 ND)
▪ Weight	: 60	: 10	: 20
▪ Volume	: 80	: 20	: 30

Thinner	: THNC-71100 ND
Application viscosity (NK 2,30°C)	: 11 - 13 sec
Pot life of mixture	: 3 - 4 hours at 30°C
Coating Amount (wet)	: 100 - 120 g/m ² of mixture per coat
Dry film thickness	: 20 - 30 µm
Theoretical coverage	: 5 m ² /lt. at ca 100 g/m ² 4 m ² /lt. at film thickness 30 mic

FILM PROPERTIES

Drying time	:
▪ Dust Free	: 8 - 10 minutes
▪ Tack Free	: 40 - 60 minutes
▪ Sanding Time	: 180 - 240 minutes

OTHERS

Shelf life : Two years if stored in cool and dry condition on original sealed can.
Storage and handling : Keep away from heat and direct sunlight.

SURFACE PREPARATION

1. The surface must be clean, dry, and free from oil.
2. Remove oil, grease, or dirt with solvent or appropriate method (wire brush, steel wool, or sand paper).

APPLICATION INFORMATION

1. A and B component and Thinner should be mixed properly and stir thoroughly with agitator.
2. Apply by spray an even coat at coating amount 100 - 120 g/m².
3. Sand the surface with sand paper no.240 after 3 - 4 hours.
4. Good ventilation in working area is suggested.

RECOMMENDED COATING SYSTEM

No.	APPLICATION STEP	PRODUCT	REC. COAT
1	Primer	PCR-1000 EP	1 x
2	Base Coat	1 K / 2 K Base Coat	1 - 2 x
3	Top Coat	PU Top coat	1 - 2 x

SAFETY PRECAUTION

1. This product contains aromatic solvent. It does not contain formaldehyde or heavy metals. Avoid contact with the skin and eyes. Wear suitable protective clothing such as working suit, goggles, masks, and safety gloves. Use barrier cream.
2. This product is flammable. Keep away from fire and direct sunlight. Use only explosion proof equipment. Do not breathe the vapor of spray. Avoid contact with strong oxidizing agents and water.

FIRST AID

- Eye contact : Rinse immediately with plenty of water for at least 15 minutes; seek medical advice.
- Skin contact : Wash with soap and water. If irritation occurs, seek medical advice.
- Ingestion : Provide symptomatic treatment and seek medical advice.
- Inhalation : Remove person to fresh air. Keep patient rested and give artificial respiration.

DISCLAIMER

This document contains information issued based on the best and latest of Propan's knowledge in accordance to laboratory testing and practical application experience. The end user must test the product's suitability for their specific application and purpose. Propan shall not be liable for defects where the application of the Product has not been made fully in accordance with the recommendations and requirements. This document is subjected to change without further notice. Please consult Propan for any specific guidance on the suitability of this product for their needs or for any specific application practices.