propan
The Paint Specialist

PROPAN HIGH FILLER EPOXY

No. TD : P-057
Revision : 01
Effective Date : 31/07/2026

PROPAN HIGH FILLER EPOXY

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

FEATURES

1. Fast dry (50-60 minutes can be sanded)
2. Good sanding ability
3. Good adhesion to substrate and or over the putty
4. Good hiding power
5. Good filling pore for wood substrate

PRODUCT SPECIFICATION

		A Component	B Component
Type	:	2 Pack Epoxy Solvent based	
Appearance	:	Colored liquid (White, grey, and black)	
		PROPAN HIGH FILLER EPOXY	**HARD. PROPAN HIGH FILLER EPOXY**
Solid content (NV, w/w)	:	78 ± 2 %	17 ± 2 %
Viscosity (brookfield, 30°C)	:	15000 ± 5000 cps	12 ± 2 sec (Din Cup 4, 30°C)
Specific Gravity	:	1.60 ± 0.04 g/cc	0.87 ± 0.02 g/cc
Flash Point	:	36.6°C	36.6°C
Packing	:	1.1 kg in steel can	0.2 lt. in steel can

APPLICATION

Application condition	:	25 - 35°C, 40 - 60% RH				
Application method	:	Air Spray				
Substrate	:	Metal, Plastics, Fiberglass, Aluminium, Wood				
Mixing ratio by	:					
		A Component **(PHFE Series)**	:	B Component (HARDENER PROPAN HIGH FILLER EPOXY)	:	Thinner (THINNER YORI HIJAU)
▪ Weight	:	60	:	10	:	15
▪ Volume	:	80	:	20	:	20
Thinner	:	THINNER YORI HIJAU				
Application viscosity (NK 2, 30°C)	:	11 - 13 sec by spray				
Pot life of mixture	:	4 - 6 hours at 30°C				
Coating Amount (wet)	:	100 - 150 g/m^2 of mixture per coat				
Dry film thickness	:	50 - 70 µm				
Theoretical coverage	:	3.7 m^2/lt. at ca 100 g/m^2 5.5 m^2/lt. at ca 150 g/m^2				

FILM PROPERTIES

Drying time

▪ Dust Free	:	5 - 7 minutes
▪ Tack Free	:	20 - 30 minutes
▪ Sanding Time	:	50 - 60 minutes

PT. PROPAN RAYA I.C.C | Jl. Gatot Subroto KM. 8 Tangerang 15810, Indonesia
P: +62 215930 3333 | F : +62 21 5924 694 | W : www.propanraya.com | E : info@propanraya.com

OTHERS

Shelf life : Five 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 - 150 g/m^2.
3. Sand the surface with sand paper no.240 after 50 - 60 minutes.
4. Good ventilation in working area is suggested.

RECOMMENDED COATING SYSTEM

No.	APPLICATION STEP	PRODUCT	REC. COAT
1	Primer	**PROPAN HIGH FILLER EPOXY SERIES**	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.

PT. PROPAN RAYA I.C.C | Jl. Gatot Subroto KM. 8 Tangerang 15810, Indonesia
P: +62 215930 3333 | F : +62 21 5924 694 | W : www.propanraya.com | E : info@propanraya.com