

## PROPAN PU LACQUER PUL - 745-2K

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### PROPAN PU LACQUER PUL-745-2K

Two-component polyurethane resin paint (topcoat) solvent based designed for wood and rattan interior furniture and housing component.

#### FEATURES

1. Good substrate wetting, enhance grain firing.
2. Good flow.
3. Hard but flexible film.
4. House-hold chemical resistant.
5. Fast dry.
6. Easy to use.

#### PRODUCT SPECIFICATION

Type : 2K PU alkyd polyol

<b>A Component:</b> PUL-745-2K	Appearance	Gloss Level (%)	Solid Content (%NV, w/w)	Viscosity (sec/Din cup 4, 30°C)	Specific Gravity (g/cc)
Clear Gloss	Clear	>90	48 ± 1	35 ± 5	0.98 ± 0.02
Clear Satin	Milky	30 - 40	49 ± 1	40 ± 5	0.99 ± 0.02
Clear Doff	Milky	10 - 20	49 ± 1	40 ± 5	1.00 ± 0.02
<b>B Component:</b> PUH-10 FD LS	Clear	-	46 ± 1	20 ± 5 Din cup 2	1.04 ± 0.02

Flash Point : 27°C  
 Packing : 0.5 L in steel can (for A Component)  
 0.25 L in steel can (for B Component)  
 0.25 L in steel can (for Thinner)

#### APPLICATION

Application condition : 25 - 35°C, 60 - 80%RH  
 Application method : Air Spray  
 Substrate/ Undercoat : Teak, Sungkai, or others wood/ PUSS-740-2K  
 Mixing ratio by weight :

A Component	B Component	Thinner
<b>PUL-745-2K</b>	<b>PUH-10 FD LS</b>	<b>THINNER PU-047</b>
2	1	1

Application viscosity (NK2, 30°C) : 9 - 10 sec by spray  
 Pot life of mixture : 3 - 4 hours  
 Coating Amount (wet) : 100 - 120 g/m<sup>2</sup> of mixture per coat  
 Theoretical coverage : 4 m<sup>2</sup>/L mix A:B:Thinner by spray at ca 100 g/m<sup>2</sup>

#### FILM PROPERTIES

Drying time :

Temperature	Drying Time (min, 30°C)
Dust free	10 - 15
Tack free	30 - 40
Hard dry	60 - 120

Re-coating time : wet on dry = after 4 - 6 hours  
 Stacking time : After 16 - 17 hours  
 Packing time : After 72 hours  
 Adhesion on PUSS-740-2K : GT = 0 - 1

### OTHERS

Shelf life : Five years both of A component and B component if stored in cool and dry condition and in original sealed can.  
 Storage and handling : Avoid B component from heat and humidity, store in cool storage. Store in good ventilation room temperature.

### 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).
3. For coloring, use stain recommended by the supplier (refer to compatibility and suitable dosage).
4. Use PUSS-740-2K as a basecoat.

### APPLICATION INFORMATION

1. Stir well A component before use.
2. A and B component and Thinner should be mixed properly and stir thoroughly with agitator.
3. Close cap of B component tightly after use.
4. Apply **PUL-745-2K** by spray an even coat at coating amount 100-120 g/m<sup>2</sup>.
5. Sand the surface with sandpaper no. 400 after 4-6 hours, overnight is better.
6. Apply the second coat of **PUL-745-2K** if necessary.
7. Good ventilation in working area is suggested.

### RECOMMENDED COATING SYSTEM

No.	APPLICATION STEP	PRODUCT	ROCOMMENDED COATING
1	Wood Filler	SH-113	1 x
2	Stain	WS-162 B	1 x
3	Base Coat	PUSS-740-2K	1 - 2 x
4	Topcoat	<b>PUL-745-2K</b>	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, dust 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.