

PROPAN WOOD STAIN PWS-633

No. TD : P-248
Revision : 00
Effective Date : 13/08/2024

PROPAN PWS-633 is a high quality politur based on Acrylic Emulsion resin which is designed to provide good flow, easy in application and good adhesion on substrate. This product is ideal for the protection and decoration of interior and exterior housing component. It shows the transparent and clear colors.

PRODUCT SPECIFICATION

Type : Acrylic Emulsion Resin

PROPAN PWS-633	Appearance	Gloss Level (%)	Solid Content (NV, w/w)	Viscosity (30°C) sec	Specific Gravity
Gloss	Milky	80-100	40 ± 2 %	20 ± 5 (Din 6)	1.06 ± 0.02 g/cc
Y Gloss	Milky	80-100	40 ± 2 %	20 ± 5 (Din 6)	1.05 ± 0.02 g/cc
Satin	Milky	35-45	40 ± 2 %	20 ± 5 (Din 6)	1.05 ± 0.02 g/cc
Y Satin	Milky	35-45	40 ± 2 %	20 ± 5 (Din 6)	1.05 ± 0.02 g/cc

Flash Point : N/A
Packing : 1 lt. in steel can

APPLICATION

Application condition : 25 - 35°C, 60 - 80%RH
Application method : Brush or air spray
Substrate : Kamper or other wood
Thinner : Water
Thinning ratio by volume : Water is used if necessary
Application viscosity (Din cup 4, 30°C) : 55 ± 5 sec by brush or 18 ± 2 sec by spray
Pot life of mixture : N/A
Coating Amount (wet) : 60 - 80 g/m² of mixture per coat
Theoretical coverage : 12 - 14 m²/lt. at ca 80 g/m²

FILM PROPERTIES

Drying time

- Dust Free : 10 - 15 minutes
- Tack Free : 30 - 40 minutes

Recoating time : wet on dry = after 60 - 90 minutes
Adhesion on Kamper : GT = 0 - 1

Resistance

- Water : Good
- Weather : Good
- QUV 500 hours : Good
- Yellowing : Good
- Blocking 2 Psi : N/A
- Hot and Cold Check : N/A
- Abrasion : N/A

OTHERS

- Shelf life : One year if stored in cool and dry condition in original sealed can
Storage and handling : Store in good ventilation room temperature and mix before use

SURFACE PREPARATION

- The surface must be clean, dry, and free from oil.
- Remove oil, grease, or dirt with solvent or appropriate method (wire brush, steel wool, or sand paper no. 120 - 150 for Oak wood, no. 150 - 180 for Rubber and Ramin wood, and no. 180 followed by 240 for Cherry wood).

APPLICATION INFORMATION

1. Mix one part of **PROPAN PWS-633** before use.
2. Spray even coat of **PROPAN PWS-633** at coating amount 80 - 100 g/m².
3. Sand the surface with sandpaper no. 280 or 400 after drying 2 - 3 hours.
4. Good ventilation in working area is suggested.

RECOMMENDED COATING SYSTEM

No.	APPLICATION STEP	PRODUCT	REC. COATING
1.	Base coat	PROPAN PWS-633	1 x
2.	Top coat	PROPAN PWS-633	1 x

SAFETY PRECAUTION

This product is non toxic. It does not contain any material with mercury or heavy metals. Avoid contact with the skin and eyes. Wear suitable protective clothing such as goggles, dust masks, and gloves. Use barrier cream. This product is non flammable.

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.