

ULTRAN P-05 COLOR

No. TD : P-030
Revision : 02
Effective Date : 20/01/2015

ULTRAN P-05 COLOR is a politur which is made from modified urethane resin and pigment. This product is designed for both interior and exterior, economist and easy to apply. It is used as a transparent coloring and also as finish coat for joinery such as doors, windows, etc.

PRODUCT SPECIFICATION

Type : Modified urethane resin
Appearance : Colored liquid
Color : Brown KJ, Bali Yellow, Dark Mahony, Ebony, Mahony, SHP Brown, Solar Yellow, Teak, Walnut Brown.
Gloss level : 60 ± 5%
Solid content (NV, w/w) : 22 ± 2%
Viscosity (Din cup 4, 30°C) : 13 ± 2 sec
Specific Gravity : 0.83 ± 0.02 g/cc
Flash Point : 23°C
Packing : 1 lt. in steel can

APPLICATION

Application condition : 25 - 35°C, 60 - 80%RH
Application method : Air spray or brush
Substrate : Kamper or other wood
Thinner : THINNER ULTRAN POLITUR
Thinning ratio by volume : Thinner is used if necessary
Application viscosity (30°C) : 50 - 60 sec Din 2 by brush or 12 - 14 sec Din 4 by spray
Pot life of mixture : N/A
Coating Amount (wet) : 60 - 70 g/m² of mixture per coat
Theoretical coverage : 13.8 m²/lt. at ca 60 g/m²

FILM PROPERTIES

Drying time (at 30°C, RH = ± 80%)
▪ Dust Free : 10 - 15 minutes
▪ Tack Free : 4 - 5 hours
Recoating time : wet on dry = after 7 - 8 hours
Adhesion on Meranti : GT = 0 - 1
Resistance to
▪ Water : Fair
▪ Ethyl Acetate: Butyl Acetate : Bad
▪ Acetone : Bad
▪ Alcohol : Bad
▪ Weather : Fair
▪ QUV 500 hours : Fair
▪ Yellowing : Fair
▪ Blocking 2 Psi : N/A
▪ Hot and Cold Check : N/A
▪ Abrasion : N/A

OTHERS

Shelf life : Three years if stored in cool and dry condition in original sealed can.
Storage and handling : Store in good ventilation room temperature

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

- ⇒ Mix well the **ULTRAN P-05 COLOR** before use it.
- ⇒ Apply even coat of **ULTRAN P-05 COLOR** by spray or brush at coating amount 60 - 70 g/m².
- ⇒ Sand the surface lightly with sandpaper no. 400 after dry 7 - 8 hours.
- ⇒ Apply another even coat of **ULTRAN P-05 COLOR**.
- ⇒ Sand the surface lightly with sandpaper no. 400 after dry 7 - 8 hours.
- ⇒ Apply another even coat of **ULTRAN P-05 CLEAR GLOSS**.

RECOMMENDED COATING SYSTEM

No.	APPLICATION STEP	INTERIOR				EXTERIOR	
		OPEN PORE SYSTEM		CLOSE PORE SYSTEM		PRODUCT	REC. COAT
		PRODUCT	REC. COAT	PRODUCT	REC. COAT		
1	Filling Pore	-	-	IMPRA WF-115	1 x	-	-
2	Base Coat	ULTRAN P-05 COLOR	2 x	ULTRAN P-05 COLOR	2 x	ULTRAN P-05 COLOR	2 x
3	Top Coat	ULTRAN P-05 CLEAR GLOSS	1 x	ULTRAN P-05 CLEAR GLOSS	1 x	ULTRAN P-05 COLOR	1 x

SAFETY PRECAUTION

This product does not contain formaldehyde. Avoid contact with the skin and eyes. Wear suitable protective clothing such as overalls, goggles, dust masks, and solvent resistance gloves. Use barrier cream.

This product is flammable. Do not smoke. Use only explosion proof equipment. Do not breathe the vapour 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