

ULTRAN PARQUET LACQUER ULTRAN UPL-77 E

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ULTRAN UPL-77 E

A moisture-cured PU lacquer especially design for finishing high quality wooden parquet flooring. It is especially durable and recommended for high traffic areas.

FEATURES

1. Excellent abrasion and scratch resistance
2. Excellent transparency and clarity
3. Provide silky smooth surface to touch
4. Hard but flexible
5. Excellent house-hold chemical resistance (nail polish remover, wine, alcohol, coffee, fruit juice, etc)
6. Formaldehyde free
7. Imported hardener from Bayer® - Germany with free-isocyanate content less than 0.5%

PRODUCT SPECIFICATION

Type : Moisture-cured polyurethane

A Component: ULTRAN UPL-77 E	Appearance	Gloss Level (%)	Solid Content (%NV, w/w)	Viscosity (sec/ Din cup #4, 30°C)	Specific Gravity (g/cc)
Clear Gloss	Clear	>90	8 ± 1	25 ± 5	0.88 ± 0.02
Semi Gloss	Milky	70 - 80	15 ± 1	65 ± 5	0.90 ± 0.02
Clear Matt	Milky	10 - 20	15 ± 1	50 ± 5	0.93 ± 0.02
B Component: Hard. UPL-77 E	Clear slightly yellow	-	60 ± 1	125 ± 25	1.06 ± 0.02

Flash Point : 27°C

Packing : 1 L in steel can for each A, B component and also thinner

APPLICATION

Application condition : 25 - 30°C, 60 - 80%RH
 Application method : roll, brush, spray
 Substrate : Teak, Merbau, or other wood
 Mixing ratio by volume : **ULTRAN UPL-77 E** : **HARD. UPL-77 E** : **THINNER** = 1 : 1 : 1
 Thinner : THINNER POLYURETHANE
 Application viscosity (NK 2, 30°C) : 10 - 15 sec
 Pot-life of mixture : 6 - 8 hours
 Coating Amount (wet) : 80 - 100 g/m² of mixture per coat
 Theoretical coverage : a. 10 m²/box (contain 3 L-set) for 2 times of coating
 b. 7 m²/box (contain 3 L-set) for 3 times of coating

FILM PROPERTIES

Drying time (at 30°C)

- Dust Free : 10 - 20 minutes
- Tack Free : 50 - 60 minutes
- Hard dry : 4 - 6 hours

Re-coating time : wet on dry = after 6 – 8 hours
 Stacking time : After 16 – 17 hours
 Packing time : After 72 hours
 Adhesion on Teak : GT = 0 – 1

OTHERS

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

SURFACE PREPARATION

1. If necessary use IMPRA wood filler to fill the wood pores. Sand all wood surfaces with sand paper no. 240. Remove all sanding dust.
2. Use IMPRA wood stain for staining the wood.

APPLICATION INFORMATION

1. Apply **ULTRAN UPL-77 E** (mixing ratio A:B:Thinner = 1:1:1 by volume) with coating amount 80-100 g/m² by roll. Let it dry for 4 - 6 hours. Sand with sand paper no. 400. Repeat process for the second coat.
2. For optimum performance, please apply the third coat with the same step no. 3. Let it dry for overnight.
3. To get the best transparency, it's recommended to apply **ULTRAN UPL-77 E** Clear Gloss as the first and second coat, then the others gloss as the last coat.
4. **ULTRAN UPL-77 E** available in clear gloss (90 sheen), semi gloss (70 sheen), and clear matt (15 sheen).
5. Stir well A component before use.
6. A and B component and Thinner should be mixed properly and stir thoroughly with agitator.
7. Close cap of B component tightly after use.
8. Good ventilation in working area is suggested.
9. Keep out of reach of children.

RECOMMENDED COATING STEP

Finishing Process	Product Type	Application	Coating amount (g/m ²)	Drying Time (hours)
Sander	Sand paper no. 180			
Filler	IMPRA WOOD FILLER	Putty Knife		1 – 2
Sander	Sand paper no. 240			
Topcoat	ULTRAN UPL-77 E	Roll	80 - 100	4 – 6
Sander	Sand paper no. 400			
Topcoat	ULTRAN UPL-77 E	Roll	80 - 100	4 – 6
Sander	Sand paper no. 400			
Topcoat	ULTRAN UPL-77 E	Roll	80 - 100	Overnight

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.
3. For more information, please refer to our safety data sheet.

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