

ULTRAN MARINE EL-502 BASE GLOSS

No. TD : E-001
Revision : 00
Effective Date : 16/09/2021

ULTRAN MARINE EL-502 BASE GLOSS is a high quality lasur based on modified urethane resin. It provides excellent protection from UV light & weather, easy to apply, film build, and flow properties. This product is ideal for use on railings, fencer, patio furniture, hause & trim.

PRODUCT SPECIFICATION

Appearance	: Color liquid (for color system)
Color	: Available for Solvent based tinting
Solid content by weight	: 33 ± 5%
Viscosity (Din cup 4, 30°C)	: 14 ± 2 sec
Specific Gravity	: 0.90 ± 0.02 g/cc
Flash Point	: 38°C
Packing	: 0.9 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	: Thinner B
Thinning ratio by volume	: Thinner is used if necessary
Application viscosity	: 14 ± 2 sec Din 4 by brush or spray
Pot life of mixture	: N/A
Coating Amount (wet)	: 60 - 70 g/m ² of mixture per coat
Theoretical coverage	: 15 m ² /ltr at ca 60 g/m ²

FILM PROPERTIES

Drying time (at 30°C, RH = ± 80%)	
▪ Dust Free	: 20 - 25 minutes
▪ Tack Free	: 180 - 240 minutes
Recoating time	: wet on dry = after 4 - 5 hours
Adhesion on Wood substrate	: GT = 0 - 1

OTHERS

Shelf life	: Two years if stored in cool and dry condition in original sealed can
Storage and handling	: 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 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 well the **ULTRAN MARINE EL-502** before use it.
2. Apply even coat of **ULTRAN MARINE EL-502** by spray or brush at coating amount 60-70 g/m².
3. Sand the surface lightly with sandpaper no. 400 after dry 4 - 5 hours.
4. Apply another even coat of **ULTRAN MARINE EL-502**.

RECOMMENDED COATING SYSTEM

No.	APPLICATION STEP	PRODUCT	REC. COAT
1	Coat	ULTRAN MARINE EL-502	3 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 breath 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

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.