

POLACRYL 345

polyurethane wood varnish for boats

- excellent waterproofing protection
- with UV filters & HALS light stabilizers
- resists yellowing

Gloss polyurethane varnish with UV filters and HALS light stabilizers. Ideal for the protection of interior and exterior wood exposed to harsh weather conditions. Ideal for any wooden boat. Excellent resistance to the harsh tropical sun and to all marine and coastal conditions. Ideal solution for wood exposed to sunlight and humidity. Enhances wood's warm natural colour giving it a new fresh touch. Good ability to expand and contract with the wood due to the great elasticity of its film. Extremely resistant against adverse weather conditions and tear.

COVERAGE	14±2m ² /L
FINISH	HIGH GLOSS
THINNING	0-20% WHITE SPIRIT
DRYING TIMES	2-3 hours*
RECOATING TIMES	24 hours*
RECOMMENDED NUMBER OF COATS	2-3 coats*
TOOLS	roller, brush or airless paint sprayer

* Lower temperatures or higher relative humidity will prolong drying and recoating times.



TECHNICAL CHARACTERISTICS

TYPE	MODIFIED POLYURETHANE RESIN	
SPECIFIC GRAVITY	TRANSPARENT	0.90 ±0.03gr/cm ³
SOLIDS w/w (ISO 3251-03)	50±2 %	
SOLIDS w/v (ISO 3233-98)	44±3 %	
VISCOSITY (DIN 53211-70/4mm @ 20°C)	110±5 sec	
APPLICATION VISCOSITY (DIN 53211-70/4mm @ 20°C)	85±10 sec	
FLEXIBILITY Mandrel (ISO 1519-02)	2mm	
YELLOWNESS INDEX (ASTM E 313-98)	≤ 15	
GLOSS (60°) (ISO 2813-99)	94±1	
GLOSS (20°) (ISO 2813-99)	80±3	
RECOMMENDED DRY FILM THICKNESS	100µm (±5µm) / 2 coats	
APPLICATION TEMPERATURE	min 5°C-max 30°C	

REGULATION 2004/42/CE

Not intended for uses covered by Regulation 2004/42/CE.

TECHNICAL DATA SHEET

EDITION: JANUARY 2019
E345 | **POLACRYL 345**
REPLACES ALL EARLIER VERSIONS

STONE & WOOD
VARNISHES

E

SURFACE PREPARATION

Surfaces must be clean, free of resins, oil, old weathered coatings and dust. Sand surface smooth using the right sandpaper for the task. Surface should not be cleaned with water before varnish application.

► **New wood:**

Apply 1-3 coats of POLACRYL 301. Allow to dry completely, sand lightly, remove sanding residue with a rag and apply 2-3 coats of POLACRYL 345, thinned with W.S. by 5-20%. If POLACRYL 301 is not used, thin POLACRYL 345 with W.S. by 40-50% for the 2 first coats. Allow to dry, sand and apply 2-3 final coats after thinning it with W.S. by 5-20%.

► **Old wood:**

Sand and remove sanding residue with a rag. Use POLACRYL 305 to fill large gaps and cracks. Apply 2-3 coats of POLACRYL 301 depending on the absorbency of the wood. Apply 2-3 coats of POLACRYL 345 (thinned by 5-20%).

► **Poor quality wood:**

Remove old paints down to bare wood. Sand and remove sanding residue with a rag. Then, follow the instructions for new wood.

► **Teak & Greasy Wood:**

Clean the surface with acetone or xylene. Allow to dry. Apply 2 coats of POLACRYL 301 (apply the next coat when the varnish is slightly sticky to the touch). Allow to dry, sand and clean thoroughly. Apply 3-4 coats of POLACRYL 345 (thinned by 5-20%) depending on the needs of the wood.

- Tints are created exclusively using COLORTOUCH tinting system with the addition of special COLORTOUCH COLORANTS.

PACKAGING

- Available in transparent. Containers of 750ml and 2.5L.

STORAGE

2 years if unopened and stored under normal storage conditions. Once opened, seal well and store in a closed place at room temperature between 5-30°C. Keep tightly closed after application for future use. Store in a cool place. Protect against freeze and direct sunlight.

CLEAN-UP / DISPOSAL

Keep your tools wet inside the can when not painting. Rub excess paint off your tools on the side of the can after paint application. Clean tools with WHITE SPIRIT and then, with soap or detergent. Do not empty washing liquids into the water table. Always handle empty containers and product carefully. Do not pour leftover product down the drain. Strictly follow local, regional, national regulations and legislation on the disposal of products and empty containers.

HEALTH & SAFETY

Read carefully the safety instructions on the label. For more information, consult the Safety Data Sheet.

INTENDED USE

WOOD

APPLICATION

- Surface humidity must not be over 18%.
- Do not apply when ambient temperature and wood temperature is below 10°C and when relative humidity is high.
- Shake or stir well before use.
- Sand surface smooth with the right sandpaper for the task before painting.
- To avoid bubble forming during application, try to work in a shaded area.

USEFUL INFORMATION

- Create thousands of different colour tints with our COLORTOUCH Tinting System.



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