

# POLACRYL 330

## water-based wood varnish

- odourless, indoor and outdoor use
- with UV filters & HALS light stabilizers
- elastic with great resistance

POLACRYL 330 is a high-quality water-based gloss varnish based on acrylic resins. It is odourless and, thus, ideal for use on interior and exterior wood. It creates a beautiful glossy finish enhancing wood's natural beauty. Suitable for use on doors, windows, window frames, wooden lining, pergolas and on any wooden surface. This varnish has water repellent properties and excellent elasticity. It does not flake off, blister or crack. It is extremely resistant to scratches. Offers strong protection against harsh UV radiation, rain and humidity.



<b>COVERAGE</b>	10±2m <sup>2</sup> /L
<b>FINISH</b>	HIGH GLOSS
<b>THINNING</b>	0-10% WATER
<b>DRYING TIMES</b>	1 hour*
<b>RECOATING TIMES</b>	3-4 hours*
<b>RECOMMENDED NUMBER OF COATS</b>	1-3 coats*
<b>TOOLS</b>	roller, brush or spray airless

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

### TECHNICAL CHARACTERISTICS

TYPE	ACRYLIC COPOLYMER	
<b>SPECIFIC GRAVITY</b>	TRANSPARENT	1.04 ±0.03gr/cm <sup>3</sup>
<b>SOLIDS w/w</b> (ISO 3251-03)		39.5±2 % *
<b>SOLIDS w/v</b> (ISO 3233-98)		37±3 % *
<b>VISCOSITY</b> (ASTM D 562-05 @ 25°C)		KU 65±5 *
<b>APPLICATION VISCOSITY</b> (ASTM D 562-05 @ 25°C)		KU 50±10 *
<b>pH</b>		8.4±0.3
<b>FLEXIBILITY Mandrel</b> (ISO1519-02)		2mm
<b>YELLOWNESS INDEX</b> (ASTM E 313-98)		≤ 15
<b>GLOSS (60°)</b> (ISO 2813-99)		84±1 *
<b>GLOSS (20°)</b> (ISO 2813-99)		55±3 *
<b>RECOMMENDED DRY FILM THICKNESS</b>		100µm (±5µm) / 2 coats
<b>APPLICATION TEMPERATURE</b>		min 5°C-max 30°C

\*differs depending on the shade.

### REGULATION 2004/42/CE

EU Limit value for this product in a ready-to-use condition (cat A/e: Interior/exterior trim varnishes and woodstains, including opaque woodstains): 130 g/L (2010). This product contains max: 129 g/L VOC.

## TECHNICAL DATA SHEET

EDITION: JANUARY 2019  
E330 | **POLACRYL 330**  
REPLACES ALL EARLIER VERSIONS

STONE & WOOD  
VARNISHES

E

### SURFACE PREPARATION

Surfaces must be clean, free of resins, tree resin, oil, old weathered coatings and dust. Sand surface smooth using the right sandpaper for the task.

▶ **New wood:**

For protection against fungi and insects, apply 1-2 coats of POLACRYL 321 or 1-2 coats of POLACRYL 320 in the direction of the grain of the wood (not crosswise). Apply 1 or 2 coats of POLACRYL 330 using a shade of your choice.

▶ **Previously varnished wood:**

Remove old varnish coatings. To maintain the shade of the previous varnish, apply 1-2 coats of colourless POLACRYL 320 and 1-2 coats of POLACRYL 330. Use the same shade in POLACRYL 320 and POLACRYL 330 to change the color of the wood.

### INTENDED USE

WOOD

### APPLICATION

- ▶ 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.
- ▶ Do not apply when ambient temperature and wood temperature is below 10°C and when relative humidity is above 80%.
- ▶ The final shade depends upon the natural colour and the absorbency of the wood and the number of POLACRYL 330 coats applied.

### USEFUL INFORMATION

- ▶ For a less gloss finish, use POLACRYL 331 (satin finish).
- ▶ 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.
- ▶ Create thousands of different colour tints with our COLORTOUCH Tinting System. To ensure product quality, tint always the Base recommended by D.G.K. Pellachrom Tinting System.

### 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 hot water and soap immediately after use. 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.

