

# POLACRYL 320

## water-based wood preservative varnish

- protects and enhances wood
- highly penetrating - non chipping
- reinforced protection with UV filters

POLACRYL 320 is a high-quality hybrid acrylic water-based varnish which protects and enhances your wood. It is odourless and, thus, ideal for use on interior wood. Its hybrid composition allows for excellent results also on exterior wood. Its special composition fully prevents the development of mould and fungi on its film. This varnish has water repellent properties and excellent elasticity. It does not flake off, blister or crack. It highlights wood grains enhancing wood's natural beauty. It offers strong protection against harsh UV radiation, rain and humidity. Indispensable for new or bare wood. Suitable for use on doors, windows, window frames, wooden lining, pergolas and any wooden surface.

<b>COVERAGE</b>	12±4m <sup>2</sup> /L
<b>FINISH</b>	SATIN
<b>THINNING</b>	0-5% WATER
<b>DRYING TIMES</b>	1-2 hours*
<b>RECOATING TIMES</b>	4-6 hours*
<b>RECOMMENDED NUMBER OF COATS</b>	1-2 coats
<b>TOOLS</b>	roller, brush or spray airless

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



### TECHNICAL CHARACTERISTICS

<b>TYPE</b>	HYBRID ACRYLIC	
<b>SPECIFIC GRAVITY</b>	TRANSPARENT	1.02 ±0.05gr/cm <sup>3</sup>
<b>SOLIDS w/w (ISO 3251-03)</b>	20±2 %	
<b>SOLIDS w/v (ISO 3233-98)</b>	19±3 %	
<b>VISCOSITY (DIN 53211-70/4mm @ 20°C)</b>	30±5 sec	
<b>APPLICATION VISCOSITY (DIN 53211-70/4mm @ 20°C)</b>	25±5 sec	
<b>pH</b>	7.70±0.3	
<b>APPLICATION TEMPERATURE</b>	min 5°C -max 35°C	

### REGULATION 2004/42/CE

EU Limit value for this product in a ready-to-use condition (cat A/f: Interior and exterior minimal build woodstains): 130 g/L. This product contains max: 129 g/L VOC.

## TECHNICAL DATA SHEET

EDITION: JANUARY 2019  
E320 | **POLACRYL 320**  
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.

- ▶ **General:**  
For extra wood protection, apply 1 coat of colourless wood preservative POLACRYL 321 before application of POLACRYL 320.
- ▶ **New wood:**  
Apply 1 or 2 coats of POLACRYL 320.
- ▶ **Previously varnished wood:**  
Remove varnish in poor condition. Sand surface and apply 1-2 coats of POLACRYL 320.

### INTENDED USE

WOOD

### APPLICATION

- ▶ Stir well before use.
- ▶ Sand surface smooth with the right sandpaper for the task before painting.
- ▶ Do not apply when temperature is below 5°C, above 35°C, when relative humidity is above 80% and wood moisture content is above 18%.

### USEFUL INFORMATION

- ▶ The final shade depends upon the natural colour and the absorbency of the wood and the number of POLACRYL 320 coats applied.

### 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.

