



# Pinjalac HB 30

## DESCRIPTION

A water-borne acrylate lacquer with good exterior durability.

## PRODUCT FEATURES AND RECOMMENDED USES

- A fast-drying but still elastic, and it has good stacking properties. Therefore, the lacquer is well suited for window frames and doors.
- Forms a colorful and esthetic film highlighting the natural appearance of wood.
- Very thixotropic and makes it possible to achieve a thick wet film without sagging.
- Tested according to the standard EN 927.
- The lacquer film is very clear and transparent.
- Expected service time 8 years in outdoor industrial environment of mild cold and cold climate (GOST 9.401-91), report N077-0103E-2019.
- Suitable for window frames, front doors and other wooden surfaces outdoors.

## TECHNICAL DATA

Volume solids 36±2%

Weight solids 37±2%

Specific gravity 1.0 kg/l

### Recommended spreading amounts and theoretical coverage

Recommended spreading amounts		Theoretical coverage
wet	dry	
120–160 g/m <sup>2</sup>	40–60 µm	8–10 m <sup>2</sup> /l

Practical coverage depends on the application method, painting conditions and the shape and roughness of the surface to be coated.

### Drying times

100–120 g/m <sup>2</sup>	+23°C	+50°C
Dry to sand, after	2–4 h	1–2 h
Through dry, after	24–48 h	4–8 h

Stacking temperature below +30°C.

Drying and recoating times are related to the film thickness, temperature, the relative humidity of the air and ventilation.

### Gloss

Semi-matt.

### Color shades

Akvi Tone and Avatint tinting system. The final color can be seen after the surface has dried. Note that whitish colours are not recommended to the wood that has tendency for resin bleeding (e.g. oak). Wood resins can change the original shade.

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## APPLICATION INSTRUCTIONS

**Surface preparation** Clean surfaces from dirt, dust and loose material. Assure that surface is free from mould and blue stain. Wood surfaces must be sanded with sandpaper P150–320. Sanding prior to the next application with sandpaper P240–400. All sanding dust must be removed.

**Recommended primers** Pinja Wood Stain.

**Recommended topcoats** Pinjalac HB 30.

**Application conditions** The surface to be treated has to be clean and dry. The moisture content of wood has to be below 18%. During application and drying temperature of the air, substrate and paint must be over +18°C and relative humidity of the air below 70%. Good ventilation is required to ensure optimal result. Product can be dried with or without oven.

**Application** Stir the product carefully before use. Avoid making foam.

For airless spraying, the product is thinned approximately 0–10%. Recommended nozzle tip is 0.011"–0.015" and pressure 80–160 bar. Spray angle shall be chosen according to the shape of the object.

For air-assisted airless spraying, the product is thinned approximately 0–10%. Recommended nozzle tip is 0.011"–0.015" and pressure 40–120 bar. Atomizing air pressure should be 1–3 bar. Spray angle shall be chosen according to the shape of the object.

For conventional spraying, the product is thinned approximately 0–10%. Recommended nozzle tip is 1.8–2.2 mm and pressure 3–4 bar.

Note! Applicability for special wood species should be tested before applying the paint on larger areas.

Wood contains resin and other colouring extractives especially in knots. Temperature and humidity fluctuations may cause paint coat discolouration in these areas.

**Thinners** Water

**Cleaning of equipment** Water

**Storage** Opened and/or tinted packaging has more limited shelf life than unopened and untinted packaging.

**VOC** VOC content of the "Pinjalac HB 30" is 20 g/l.  
VOC 2004/42/EC (cat A/e) 130 g/l (2010)

**HEALTH AND SAFETY** Containers are provided with safety labels, which should be observed. Further information about hazardous influences and protection are detailed in individual health and safety data sheets.

A health and safety data sheet is available on request from Tikkurila Oyj.

### For industrial use only.

The above information is not intended to be exhaustive or complete. The information is based on laboratory tests and practical experience, and it is given to the best of our knowledge. The quality of the product is ensured by our operational system, based on the requirements of ISO 9001 and ISO 14001. As manufacturer we cannot control the conditions under which the product is being used or the many factors that have an effect on the use and application of the product. We disclaim liability for any damages caused by using the product against our instructions or for inappropriate purposes. We reserve the right to change the given information unilaterally without notice.

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