



# Pinja Pro

## DESCRIPTION

A water-borne acrylate exterior paint.

## PRODUCT FEATURES AND RECOMMENDED USES

- Based on established zinc oxide technology. The product gives reliable protection for exterior wooden panels and claddings against moisture and dirt.
- Excellent hiding power and the price-quality ratio is therefore very good.
- Prevents discoloration caused by wood extractives. Furthermore, the service life of the painted wooden structure is longer.
- Protects the surface against moisture, sunlight and dirt.
- Suitable for exterior wooden panels and claddings.

## TECHNICAL DATA

**Volume solids** Abt. 40 volume-% (A-base)  
Abt. 37 volume-% (C-base)

**Weight solids** Abt. 52 weight-% (A-base)  
Abt. 44 weight-% (C-base)

**Specific gravity** 1.3 kg / litre (A-base)  
1.2 kg / litre (C-base)

## Recommended spreading amounts and theoretical coverage

Recommended spreading amounts (unthinned)		Theoretical coverage
wet	dry	
120–160 g/m <sup>2</sup>	35–50µm	8–10 m <sup>2</sup> /l

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

## Drying times

120–160 g/m <sup>2</sup>	+23°C	+50°C
Recoatable, after	2–4h	1–2h

Note! Dark shades made from C base will dry slower.

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

**Gloss** Matt.

**Color shades** Avatint tinting. For exterior use it is recommended to use the shades on the Wooden Facades color card.

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## APPLICATION INSTRUCTIONS

<b>Surface preparation</b>	Clean surfaces from dirt, dust and loose material. Assure that surface is free from mold 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.
<b>Recommended primers</b>	Pinja Pro Primer, Pinja Universal Primer, Pinja Pro, Pinja Indeeep.  On planed wood Pinja Pro is recommended to be applied without any separate primer. The paint system is 120 g/m <sup>2</sup> applied in 2 layers.
<b>Application conditions</b>	The surface to be treated has to be clean and dry. The moisture content of wood has to be below 20%. During application and drying temperature of the air, substrate and product 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.
<b>Application</b>	Stir the product carefully before use. Avoid making foam.  For airless spraying the product is thinned approximately 0–10%. Recommended nozzle tip is 0.013"–0.015" and pressure 120–180 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 0.013"–0.015" and pressure 40–140 bar. Atomising air pressure should be about 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 1.6–2.0 mm and pressure 2–3 bar.  Wood contains resin and other colouring extractives especially in knots. Temperature and humidity fluctuations may cause paint coat discolouration in these areas.
<b>Thinners</b>	Water
<b>Cleaning of equipment</b>	Water
<b>VOC</b>	The Volatile Organic Compounds amount is 20 g/litre of paint. VOC 2004/42/EC (cat A/d) 130 g/l (2010)

<b>HEALTH AND SAFETY</b>	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.
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### 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.

The product is intended for professional use only and shall only be used by professionals who have sufficient knowledge and expertise on the proper use of the product. The information above is advisory only. To the extent permitted by applicable law, we shall not approve of any liability for the conditions under which the product is being used or for the use or application of the product.

In case you intend to use the product for any other purpose than that recommended in this document without first getting our written confirmation on the suitability for the intended use, such use takes place at your own risk.