

# Pinja Mid Pro

## DESCRIPTION

An all-around water-borne acrylic primer and midcoat for exterior wood.

## PRODUCT FEATURES AND RECOMMENDED USES

- Midcoat with a primer's adhesion. Pinja Mid Pro is designed for use prior to Tikkurila exterior paints, thus providing a high-quality painting system for the most demanding customers.
- Easy to use. Pinja Mid Pro is a high-quality primer and midcoat, especially for vacuum and industrial application lines. The properties of Pinja Mid Pro have been optimized to form an even, thick film while drying fast at the same time.
- Can be economically tinted to the same colors as exterior paints for consumers thus guaranteeing an even color with one topcoat layer, resulting in savings in production.
- Contains alkyd for improved adhesion to bare wood.
- Extremely low water absorption.
- Excellent stacking properties.
- Tested according to the standard EN 927-5.
- Suitable for priming of boards and panels for exterior claddings.

## TECHNICAL DATA

**Volume solids**                      Appr. 42% (AP base)  
    Appr. 41 % (CP base)

**Weight solids**                     Appr. 56% (AP base)  
    Appr. 52% (CP base)

**Specific gravity**                   1.32 kg/litre (AP base)  
    1.27 kg/litre (CP base)

## Recommended spreading amounts and theoretical coverage

Recommended spreading amounts (unthinned)		Theoretical coverage
As a primer		
wet	dry	
100 g/m <sup>2</sup>	31 µm	12–13 m <sup>2</sup> /l
As a midcoat		
wet	dry	
200 g/m <sup>2</sup>	63 µm	6–7 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>	+20°C
Dry to handle, loose timber, after	6–12h
IRM, after	5–8min

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.

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## APPLICATION INSTRUCTIONS

<b>Surface preparation</b>	Clean surfaces from dirt, dust and loose material. Assure that surface is free from mould and blue stain.
<b>Recommended topcoats</b>	Finish the surfaces with Pinja Pro, Pika-Teho, Vinha, Ultra at the earliest after 24 hours from priming.  Choose the colour of the primer in accordance with the colour of the finishing paint.
<b>Application conditions</b>	The surface to be treated has to be clean and dry. The moisture content of wood has to be below 19%. During application and drying temperature of the air, substrate and paint must be over +10°C and relative humidity of the air below 80%. 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 5–10% to the viscosity 30–40s (DIN4). 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 5–10% to the viscosity 30–40s (DIN4). 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.  Vacuum application according to manufacturer's instructions.  Wood contains resin and other coloring extractives especially in knots. Temperature and humidity fluctuations may cause paint coat discoloration in these areas.
<b>Thinners</b>	Water
<b>Cleaning of equipment</b>	Water.
<b>VOC</b>	The Volatile Organic Compounds amount is 12 g/litre of paint. Maximum VOC content in ready to use paint (thinned 10% by volume) is 12 g/l.

**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.

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.