

# Pinja Opti Primer

## DESCRIPTION

A water-borne alkyd primer.

## PRODUCT FEATURES AND RECOMMENDED USES

- A high-quality product especially for vacuum and industrial brushing machine application.
- A concentrate paint with optimized hiding power for planed and fine-sawn claddings.
- Suitable prior to application of both water and solvent-borne exterior house paints by Tikkurila.
- An all-round primer for sawn or planed timber.
- Gives good protection for 6–10 months and a good priming coat for either water-borne or solvent-borne paint.
- Can be thinned even 1:1 with water.
- Suitable for priming of exterior boards and claddings.

## TECHNICAL DATA

### Volume solids

46% (83V6001)  
33% (83V6003)

### Weight solids

64% (83V6001)  
41% (83V6003)

### Specific gravity

1.49 kg/l (83V6001)  
1.14 kg/l (83V6003)

### Recommended spreading amounts and theoretical coverage

Recommended spreading amounts (thinned 1:1)		Theoretical coverage
wet	dry	
130 g/m <sup>2</sup>	24µm	9–10 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

100–130 g/m <sup>2</sup>	+20°C
Dry to handle, loose timber, after	6–12h
Dry to stack, after	24h
IRM	3–8min

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

### Gloss

Matt.

### Color shades

White in 1000 litres container, other shades from the Tikkurila House Paint color card. Avatint tinting system.

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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.
<b>Recommended topcoats</b>	Pika-Teho, Vinha, Ultra Matt, Ultra Classic, Teho Öljymaali, Ultra Pro, Pinja Pro, Pinja Top.  Choose the color of the primer in accordance with the color of the finishing paint. Finish the surfaces with Pika-Teho, Vinha, Ultra or Teho at the earliest after 24 hours from priming. In line production Pinja Opti Primer can be topcoated with Ultra Pro, Pinja Pro and Pinja Top.
<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 +15°C and relative humidity of the air below 80%. Good ventilation is required to ensure optimal result.
<b>Application</b>	Stir the product carefully before use. Avoid making foam.  For airless spraying, the product is thinned approximately 50–100% 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 50–100% 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.  For conventional spraying, the product is thinned approximately 50–100% to the viscosity 30–40s (DIN4). Recommended nozzle tip is 1.6–2.0 mm and pressure 2–3 bar.  Vacuum application according to manufacturer's instructions.  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 10 g/litre of paint.  Maximum VOC content in ready to use paint (thinned 100% by volume) is 5 g/l.
<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.

### 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.