

# Pinja Wood Stain

## DESCRIPTION

A water-borne priming oil / semi-transparent wood stain for exterior wooden surfaces providing translucent colorful protection for wood.

## PRODUCT FEATURES AND RECOMMENDED USES

- A water-borne priming oil/low film forming semi-transparent stain with a wide range of colors. The stain dries fast and is therefore suitable for industrial painting lines.
- Forms transparent, colorful protection against moisture, sunlight and dirt. Cracking of wood is decreased, and the surface retains its beauty for a longer time.
- Highlights the natural look of wood.
- 2 in 1 product: can be used as a priming oil and/or a wood stain.
- Listed in the database for building products that can be used in Nordic Swan Ecolabelled buildings.
- Environmental product declaration (EPD) in accordance with EN 15804+A2 & ISO 14025 / ISO 21930.
- Not suitable for terraces, decking or exterior floorings.
- Recommended for use on wooden window frames, doors, claddings, panels and other wood surfaces.



## TECHNICAL DATA

**Volume solids** abt. 10%

**Weight solids** 11%

**Specific gravity** 1.0 kg/litre.

### Recommended spreading amounts and theoretical coverage

	Recommended spreading amounts (unthinned)		Theoretical coverage
	wet	dry	
when used as priming oil	80–120 g/m <sup>2</sup>	5–10 µm	12–14 m <sup>2</sup> /l
when used as wood stain	2 x 80–120 g/m <sup>2</sup>	10–20 µm	6–7 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

80–100 g/m <sup>2</sup>	+20°C	+40°C
Dry to sand and recoatable, after	1–2 h	30–40 min

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

### Color shades

Clear. Avatint tinting according to the Translucent Wood Finishes Colour 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>	Pinja Wood Stain, Pinjalac HB 30, Pinja Flex Combi 25, Pinja Flex Combi 35, Ultra Pro, Pinja Pro, Pinja Top, Pinja Color Plus, Villa Lasur Akva.
<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>	<p>Stir the product carefully before use. Avoid making foam. The product is recommended to be used without thinning but can be thinned with water if necessary. Let the product settle down for a while before use.</p> <p>For airless spraying spraying: nozzle tip 0.009"–0.011" is recommended to be used with pressure of 80–160 bar. Spray angle shall be chosen according to the shape of the object.</p> <p>For air-assisted airless spraying: nozzle tip 0.009"–0.011" is recommended to be used with pressure 40–120 bar. Atomising air pressure should be about 1–3 bar. Spray angle shall be chosen according to the shape of the object.</p> <p>For conventional spraying: nozzle tip 1.0–1.4 mm is recommended to be used with pressure 1.5–3 bar.</p> <p>For dip and flow coating product is ready to use.</p> <p>Wood contains resin and other colouring extractives especially in knots. Temperature and humidity fluctuations may cause paint coat discolouration in these areas.</p>
<b>Thinners</b>	Water
<b>Cleaning of equipment</b>	Water
<b>Storage</b>	Opened and/or tinted packaging has more limited shelf life than unopened and untinted packaging.
<b>VOC</b>	The Volatile Organic Compounds amount is 10 g/litre of wood stain. VOC 2004/42/EC (cat A/e) 130 g/l (2010).
<b>HEALTH AND SAFETY</b>	<p>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.</p> <p>A health and safety data sheet is available on request from Tikkurila Oyj.</p>

**For industrial use only.**



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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.

