



Pinja W-Oil

DESCRIPTION

A water-borne tintable semi-transparent wood stain.

PRODUCT FEATURES AND RECOMMENDED USES

- A fast-drying wood stain for short-term protection. The product protects the surface against moisture, sunlight and dirt in humid outdoor areas.
- Penetrates into the wood. The product has very good water-repellent properties which reduce cracking of wood.
- Suitable for exterior panels, boards and log cabins in humid premises outdoors.

TECHNICAL DATA

Volume solids

abt. 10%

Weight solids

11%

Specific gravity

0.96–1.04 kg / l

Recommended spreading amounts and theoretical coverage

Recommended spreading amounts (unthinned)		Theoretical coverage
wet	dry	
100 g/m ²	Not measurable	10–14 m ² /l

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

Drying times

100–120 g/m ²	+20°C	+50°C
To be polished, after	10–60 min	1–10 min

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

Color shades

Avatint tinting system.



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APPLICATION INSTRUCTIONS

Surface preparation	Clean surfaces from dirt, dust and loose material. Assure that surface is free from mold and blue stain.
Application conditions	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 80%. Good ventilation is required to ensure optimal result. Product can be dried with or without oven. Note that Pinja W-Oil is not suitable for wooden surfaces treated previously with solvent borne wood oil.
Application	Stir the oil carefully and thin with water if necessary. Avoid making foam. To get a more even result the surface can be polished. For airless spraying the recommended nozzle tip is 0.009"–0.011" and pressure 80–160 bar. Spray angle shall be chosen according to the shape of the object. For air-assisted airless spraying the recommended nozzle tip is 0.009"–0.011" and 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. For conventional spraying the recommended nozzle tip is 1.0–1.4 mm and pressure 1.5–3.0 bar. 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	The Volatile Organic Compounds amount is 10 g/l of oil. 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.
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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.

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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.