

# Pinja Color Plus

## DESCRIPTION

A water-borne tintable semi-transparent wood stain. The binder of the product is an acrylate.

## PRODUCT FEATURES AND RECOMMENDED USES

- Can be tinted to long-lasting shades due to its completely new base paint with transparent pigments.
- The new Super Colors color card contains intensive and warm, ablazing transparent colors. Also available in the shades of the Semi-transparent Wood Finishes color card.
- Protects wood from moisture, thus reducing effectively cracking of wood. The product is a perfect solution for wooden claddings and laminated logs in demanding environments.
- Twice as long maintenance interval compared to conventional wood stains. The binder is based on alkyd-modified acrylate. The product contains light stabilizer and effective fungicides. Additionally, the new Super Color pigments have superior sunlight resistance.
- 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.
- Recommended for timber cladding, window frames, doors, fencing and other wooden surfaces outdoors. Suitable for planed and sawn wood surfaces and for impregnated and thermally treated wood surfaces. Suitable also for laminated log.



## TECHNICAL DATA

Volume solids 28±2%

Weight solids 30±2%

Specific gravity 1.0 kg/l

### Recommended spreading amounts and theoretical coverage

Recommended spreading amounts (unthinned)		Theoretical coverage
wet	dry	
2 x 90–120 g/m <sup>2</sup>	2 x 30–40 µm	4–5 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

90–120 g/m <sup>2</sup>	+23°C	+40–60°C
Recoatable	2-4 h	10–30 min

Stacking temperature of the painted object below +30°C.

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

## Gloss

Semi-matt.



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### Color shades

All the shades from the Super Color and Valtti color cards. Avatint tinting system. Always use a tinted product. Note that whitish colors are not recommended for woods that have resin-bleeding tendency (for instance oak). Wood resin can change the original shade.



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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 primers</b>	Pinja Wood Stain, Pinja Indeepp.
<b>Recommended topcoats</b>	Valtti Plus Kesto.  Can be coated with Valtti Plus Kesto wood stain in building site, if needed.
<b>Application conditions</b>	The surface to be treated has to be clean and dry. The moisture content of wood has to be below 18%. During application and drying temperature of the air, substrate and product must be over +5°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. The product is ready for use. Avoid making foam.  For airless spraying, 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, 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 brush machine application the product can be thinned during the use up to 10%.  Note! Applicability for special wood species should be tested before applying the paint on larger areas.  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  Paint is recommended to be used without thinning. If needed thin with water max. 5%.
<b>Cleaning of equipment</b>	Water  or Tikkurila Tool Cleaner.
<b>Storage</b>	Opened and/or tinted packaging has more limited shelf life than unopened and untinted packaging.
<b>VOC</b>	VOC content of the "Pinja Color Plus" is 14 g/l. VOC 2004/42/EC (cat A/e) 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.  <b>For industrial use only.</b>



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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.