

# Pinja Protect GM

## DESCRIPTION

A water-borne alkyd primer for preliminary protection for wood up to two years before topcoating.

## PRODUCT FEATURES AND RECOMMENDED USES

- Designed to be used prior to Alcro and Beckers exterior paints, thus providing a high-quality painting system for the most demanding customers.
- The Nordic Swan ecolabel indicates that the product fulfills strict environmental and health requirements. CMP, Certifierad Målad Panel, ensures the quality of industrially painted exterior panels.
- Environmental product declaration (EPD) in accordance with EN 15804+A2 & ISO 14025 / ISO 21930.
- Can be tinted to become the same color as the topcoat, thus enabling the highest possible hiding power and color accuracy of the painting system.
- The primer retards bleeding of resins from soft wood and slows down discolouring of topcoat caused by the resins. In order to reach good isolating properties, it is recommended to apply two layers.
- Gives good protection for 12 months.
- Gives good protection for 2 years when painted twice.
- Fast drying.
- For sawn or planed timber.
- Suitable for priming of exterior boards and claddings.



## TECHNICAL DATA

### Volume solids

A-base: 43%, C-base: 37%, NCS S 0502-Y: 42%, Red: 38%

### Weight solids

A-base: 54%, C-base: 47%, NCS S 0502-Y: 54%, Red: 48%

### Specific gravity

A-base: 1.29 kg/l, C-base: 1,19 kg/l, NCS S 0502-Y: 1,28 kg/l, Red: 1,18 kg/l

### Recommended spreading amounts and theoretical coverage

Recommended spreading amounts		Theoretical coverage
As a primer		
wet	dry	
120–150 g/m <sup>2</sup>	40–50 µm	9–10 m <sup>2</sup> /l
As an intermediate		
wet	dry	
2*120 g/m <sup>2</sup>	80–100 µm	5–6 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

150 g/m <sup>2</sup>	+20°C	+50°C
Recoating, after	1–4 h	3–20 min

Drying and recoating times are related to the film thickness, temperature, the relative humidity of the air and ventilation. Note! Dark shades made from C base will dry slower.



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Gloss Matt.

Color shades NCS S 0502-Y and red. 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 mold and blue stain.
<b>Recommended topcoats</b>	Alcro Bestå or for on-site Beckers Perfekt Akrylat Plus.
<b>Application conditions</b>	The surface to be treated has to be clean and dry. The moisture content of wood has to be below 16%. During application and drying temperature of the air, substrate and paint must be over +10°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.</p> <p>For airless spraying, the product is not thinned. Recommended nozzle tip is 0.017–0.027" and pressure 120–180 bar. Spray angle shall be chosen according to the shape of the object.</p> <p>For air-assisted airless spraying, the product is not thinned. Recommended nozzle tip is "0.013–0.027" 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.</p> <p>For brush machine application the product is not thinned.</p> <p>Wood contains resin and other coloring extractives especially in knots. Temperature and humidity fluctuations may cause paint coat discoloration 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 <10g/litre of paint. Maximum VOC content in ready to use paint (thinned 100% by volume) is 5g/l. VOC 2004/42/EC (cat A/d) 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.

### 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.