

WW53
SEMI-OPAQUE PAINT SYSTEM WITH ALKYD PRIMER FOR EXTERIOR WOODEN CLADDINGS

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| Pinja Pro Primer | 243-s |
| Pinja Pro Primer N | 960 7201 |
| Pinja Top | 247-s |

Water-borne system WW53 is pigmented paint system for exterior sawn and planed wooden claddings.

Pinja Pro Primer is water-borne alkyd primer for sawn claddings. Pinja Pro Primer N is also water-borne alkyd primer and it is suitable for both sawn and planed claddings.

Pinja Top is flexible semi-opaque acrylate top coat. It protects the wood against moisture, sunlight and dirt. The paint film has low water absorption properties which decreases the cracking of the wood. Pinja Top is tintable in Avatint tinting system.

Recommended wet film thickness is 125–160 g/m² each layer which corresponds about 40–50 µm dry film thickness. Recommended total dry film thickness is for two layer system is 80–100 µm.

3-LAYER SYSTEM FOR EXTERIOR WOODEN CLADDINGS

| | Product | Application method | Wet film thickness |
|----------|--|------------------------------------|---------------------------|
| Primer | Pinja Pro Primer Pinja Pro Primer N | Spraying, vacuum, brushing machine | 125–160 g/m ² |
| Top coat | Pinja Top | Spraying | 125–160 g/m ² |

PRODUCT PROPERTIES

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| Solid Content | 37 vol-% | (243 6001) |
| | 37 vol-% | (960 7201) |
| | 35 vol-% | (247 6302) |

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| Specific gravity | 1.2 kg/l | (243 6001) |
| | 1.2 kg/l | (960 7201) |
| | 1.2 kg/l | (247 6302) |

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|---------------------|-------------------------------------|---------------------------------|---------------|--------------|
| Drying times | | 100–120 g /m² | +23°C | +50°C |
| | Pinja Pro Primer and N Pinja Top | Dry to repaint Dry to stack | 24 h 2–4 h | 3–6 h 1–h |

Gloss Semi-matt

Application methods Spraying, vacuum, brushing machine

Thinner Water

Cleaning of equipment Water or Tool Cleaner.

Colours AVATINT tinting systems. For exterior use it is recommended to use the shades on the Wooden Facades colour card.

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| SURFACE PREPARATION | The surface to be treated has to be clean and dry. The moisture content of sawn timber has to be below 20%. |
| APPLICATION CONDITIONS | During application and drying the temperature of the air, paint and surface should be at least +10°C. The relative humidity should not exceed 70%. Good ventilation is needed during the drying process. |
| SYSTEM STACKING | <p>Priming Stir the Pinja Pro Primer well before application. If needed primer is possible thin 0-30% with water. Apply Pinja Pro Primer evenly about 125–160 g/m² wet film thickness and check that it covers all the surfaces. Let the product dry. In normal conditions when temperature is 20–30°C the minimum drying time is about 24 hours.</p> <p>Top coat Stir Pinja Top well before application. Normally the paint is used in delivery viscosity but max. 10% thinning with water is possible. The right nozzle size is 0.011 or 0.013" and angle 20 or 40 and the spraying distance from object about 20–25 cm.</p> <p>Spray the Pinja Top evenly about 125–160 g/m² wet film thickness and let the paint dry. In normal conditions when temperature is 20–30°C the drying time is minimum 2–4 hours.</p> <p>Stacking temperature below +30°C.</p> <p>Drying and recoating times are related to the film thickness, temperature, the relative humidity of the air and ventilation.</p> <p>In order to avoid surface damages painted panels are recommended to stack so that the paint surface is against wood surface. Surface temperature must be under +30°C and between panels is recommended to put some soft material. Drying and stacking properties must be tested before starting the full scale painting.</p> |
| MAINTENANCE PAINTING | Remove dirt, mould and loose particles from the surfaces. Remove loose paint with scraper and brush the surface clean with a steel brush. Wash down dirty and mouldy surfaces with Tikkurila Mould Removal according to the instructions. Repaint surface according to the instructions of maintenance paint. Pinja Top, Vinha, Ultra and Pika-Teho are suitable products for maintenance painting. |

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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.