

WW109
OPAQUE PAINT SYSTEM FOR EXTERIOR WOODEN CLADDINGS
Pinja Protect G

Water-borne system WW109 is high quality paint system for exterior sawn and planed wooden claddings.

Pinja Protect G is all-round water-borne fast drying alkyd primer. It ensures the overall durability of the paint system. The product has Nordic Swan Ecolabel and CMP -Certifierad Målad Panel ensures the high quality of the painting system.

The paint protects the wood against moisture, sunlight and dirt. The paint film has low water absorption properties which decreases the cracking of the wood. When applied once the paint has good protection for 12 months.

For finishing painting it is recommended Alcro Bestå and Beckers Perfect Acrylat Plus paints.

Recommended wet film thickness is 150 g/m² which corresponds about 50 µm dry film thickness.

FAST DRYING SYSTEM FOR EXTERIOR WOODEN CLADDINGS

	Product	Application method	Wet film thickness
Priming	Pinja Protect G	Spraying, vacuum, brushing machine	150 g/m ²

PRODUCT PROPERTIES

Solid Content	43 vol-%	Pinja Protect G
Specific gravity	1,29 kg/l	Pinja Protect G
Drying times	Wet film 150 g/m² Dry to repaint	+20°C 1-4 h
		+50°C 2-20 min
Gloss	Matt	
Application methods	Spraying, vacuum, brushing machine	
Thinner	Water	
Cleaning of equipment	Water or Tool Cleaner.	
Colours	White	

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	<p>Stir the Pinja Protect G well before application. Normally the paint is used in delivery viscosity but max. 5 % thinning with water is possible. The right nozzle size is 0.013 - 0.017" and angle 20 or 40 and the spraying distance from object about 20 - 25 cm.</p> <p>Apply the Pinja Protect G evenly about 150 g/m² wet film thickness and let the paint dry. Drying time in conventional oven in 30-50°C temperature is about 3-20 min.</p> <p>Vacuum and brushing machine application: follow instructions of the machine supplier.</p> <p>Drying and recoating times are related to the film thickness, temperature, the relative humidity of the air and ventilation.</p>
STACKING	<p>Stacking temperature below +30°C.</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>
WARRANTY OF QUALITY	These products are tested in Tikkurila R&D laboratory and exterior test field. Long experience of the exterior use has shown that these products are suitable for painting of exterior wooden construction materials. Maintenance interval is a rough estimate, as it depends on the structural features, weather conditions, the geographic location and orientation of the objects.
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 the instructions of maintenance paint. Alcro Bestå and Beckers Perfect Acrylat Plus are suitable products for maintenance painting.