Pinja Protect Top 25

DESCRIPTION

A water-borne acrylic topcoat

PRODUCT FEATURES AND RECOMMENDED USES

- Pinja Protect Top 25 has been granted The Nordic Swan ecolabel showing that the product fulfils strict environmental and health requirements. The product is designed to be used on top of Pinja Protect products, thus providing a high-quality painting system for the most demanding customers.
- Environmental product declaration (EPD) in accordance with EN 15804+A2 & ISO 14025 / ISO 21930.
- Developed for fast industrial drying lines and can be dried with IR lamps. In addition to that, only two layers of paint are needed. This results in a short throughput time and high productivity in production.
- Retains its gloss and colour for a long time while providing excellent protection against water penetration at the same time. The painted wood surface will retain its aesthetic outlook even in the harshest weather conditions.
- Contains fungicides, protecting against mold, algae and other microbes.
- For sawn or planed timber.
- Suitable to be used as topcoat for exterior boards and claddings.

TECHNICAL DATA

Volume solids

43%

Weight solids

55%

Specific gravity

1.28 kg/l

Recommended spreading amounts and theoretical coverage

Recommended spreading amounts		Theoretical coverage
As an intermediate		
wet	dry	
240 g/m²	80 µm	5.4 m²/l

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

Drying times

240 g/m²	**+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.

Gloss

Semi-matt.

Color shades

Avatint tinting.

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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.
Recommended primers	Pinja Protect G, Pinja Protect GM, Pinja Protect M 20.
Application conditions	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.
Application	Stir the product carefully before use. Avoid making foam. 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. 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. For brush machine application the product is not thinned. Wood contains resin and other coloring extractives especially in knots. Temperature and humidity fluctuations may cause paint coat discoloration in these areas.
Thinners	Not to be thinned.
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 47 g/litre of paint. 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.