

Ultra Pro 30

DESCRIPTION

A water-borne one-component, polyacrylate exterior topcoat with optimal price-quality ratio.

PRODUCT FEATURES AND RECOMMENDED USES

- Gives the painted surface long-term protection against weathering, moisture, sunlight and dirt. The paint has proven its reliability in demanding environments and is therefore an excellent choice for exterior claddings.
- Provides outstanding protection against water penetration and prevents cracking of timber by also inhibiting water uptake through edges. The paint can be used both for priming and topcoating.
- Suitable for fast production lines, drying both at in elevated temperature and room temperature. The paint dries rapidly and has excellent stacking properties.
- Ultra Pro 30 listed in the database for building products that can be used in Nordic Swan Ecolabelled buildings.
- Contains alkyd for improved adhesion to bare wood.
- 2 x Ultra Pro 30 provides excellent protection against water penetration, and thus suppresses cracking of timber by preventing water uptake also through the edges.
- Tested according to the standard EN 927-5.
- Environmental product declaration (EPD) in accordance with EN 15804+A2 & ISO 14025 / ISO 21930.
- Suitable for exterior wooden panels and claddings etc.



TECHNICAL DATA

Volume solids VVA base 36%, VC base 35%

Weight solids VVA base 45%, VC base 39%

Specific gravity 1.16 kg/l (VVA base)
1.07 kg/l (VC base)

Recommended spreading amounts and theoretical coverage

Recommended spreading amounts (unthinned)		Theoretical coverage
wet	dry	
120–160 g/m ²	40–50 µm	8–10 m ² /l
2 x 120–160 g/m ²	80–100 µm	4–5 m ² /l

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

Drying times

120–160 g/m ²	+23°C	+50°C
Recoatible, after	2–4 h	5–20 min

The paint can be dried in convectional air drying oven with temperature +40–60°C. The colours of VC-base paint might need longer drying time than the colours of VVA-base.

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

Gloss

Semi-matt.



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Color shades

The shades on the Wooden Facades colour card for exterior use. RAL and NCS colour cards. Avatint tinting system

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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	Ultra Pro 30. Ultra Pro 30 is recommended to be used both as a primer and a topcoat.
Recommended topcoats	Ultra Pro 30, Ultra Classic, Ultra Matt. Recommended topcoats are Ultra Pro 30, Ultra Classic and Ultra Matt depending on the required gloss level. Can be topcoated/repainted with Pika-Teho or Vinha on construction site, if needed.
Application conditions	The surface to be treated has to be clean and dry. The moisture content of wood has to be below 20%. During application and drying temperature of the air, substrate and product 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 paint carefully before use. Avoid flotation. For airless spraying the product is thinned approximately 0–5%. Recommended nozzle tip is 0.013"–0.015" and pressure 140–180 bar. Spray angle shall be chosen according to the shape of the object. For air-assisted airless spraying, the product is thinned approximately 0–5%. Recommended nozzle tip is 0.013"–0.015" 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 conventional spraying, the product is thinned approximately 0–5%. Recommended nozzle tip is 1.6–2.0 mm and pressure 2–3 bar. When applied as a first priming layer Ultra Pro 30 can be thinned with water 1 : 1. In order to reach long-term durability the dry film thickness of the total paint system must be over 80 µm. Wood contains resin and other colouring extractives especially in knots. Temperature and humidity fluctuations may cause paint coat discolouration in these areas.
Thinners	Water Paint is recommended to be used without thinning. If needed thin with water max. 5%.
Cleaning of equipment	Water or Tikkurila Tool Cleaner.
Storage	Opened and/or tinted packaging has more limited shelf life than unopened and untinted packaging.
VOC	VOC content of "Ultra Pro 30" is 30±10 g/l. VOC 2004/42/EC (cat A/d) 130 g/l (2010)



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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.