



# Ultra Pro

## DESCRIPTION

A water-borne one-component, polyacrylate exterior topcoat with optimized hiding properties.

## PRODUCT FEATURES AND RECOMMENDED USES

- Extremely low water absorption
- Excellent protection against weathering, moisture, sunlight and dirt
- Short throughput time, fast-drying line product with excellent stacking properties
- Ultra Pro belongs to the Tikkurila ProHouse concept
- Contains alkyd for improved adhesion to bare wood. The paint can be used as a primer and a top coat
- Tested according to the standard EN 927-5
- 2 x Ultra Pro provides excellent protection against water penetration, and thus suppresses cracking of timber by preventing water uptake also through the edges. Must be coated with Ultra Matt paint in building site
- Ultra Pro is listed in the database for building products that can be used in Nordic Swan Ecolabelled buildings
- Suitable for exterior wooden panels and claddings etc

## TECHNICAL DATA

### Volume solids

AP base 39%

CP base 40%

### Weight solids

AP base 48%

CP base 47%

### Specific gravity

AP-base: 1.20 kg/l

CP-base: 1.14 kg/l

### Recommended spreading amounts and theoretical coverage

Recommended spreading amounts (unthinned)		Theoretical coverage
wet	dry	
115–150 g/m <sup>2</sup>	40–50 µm	8–10 m <sup>2</sup> /l
2 x 115–150 g/m <sup>2</sup>	80–100 µm	4–5 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

115–150 g/m <sup>2</sup>	+50°C
Recoatable, after	5–10 min

The paint must be dried in convectional air drying oven with temperature +40–60°C.

The colours of CP-base paint might need longer drying time than the colours of AP-base.

Drying and recoating times are related to the porosity of wood, colour shade, drying time, film thickness, temperature, the relative humidity of the air and ventilation.

### Gloss

Matt.

### 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

<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>	Ultra Matt.  Must be coated with Ultra Matt paint in building site.
<b>Application conditions</b>	The surface to be treated has to be clean and dry. Moisture content of wood has to be below 20%. During application 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 is recommended to be dried in oven.
<b>Application</b>	To be used without any separate primer.  Stir the product carefully before use. Avoid making foam. Thin with water if necessary.  For airless spraying the product is thinned approximately 0–2%. 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 0–2%. 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 0–2%. Recommended nozzle tip is 1.6 –2.0 mm and pressure 2–3 bar.  Wood contains resin and other colouring extractives especially in knots. Temperature and humidity fluctuations may cause paint coat discolouration in these areas.
<b>Thinners</b>	Water  Paint is recommended to be used without thinning. If needed thin with water max. 5 %.
<b>Cleaning of equipment</b>	Water or Tikkurila Tool Cleaner.
<b>VOC</b>	According to VOC Directive 2004/42/EU the product subcategory A/d VOC limit (1.1.2010) is maximum 130 g/l. VOC content of the " Ultra Pro" is 20±10 g/l.
<b>HEALTH AND SAFETY</b>	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.