

## PINJA PRO PRIMER

### DESCRIPTION

A water-borne alkyd primer.

### PRODUCT FEATURES AND RECOMMENDED USES

- ◆ An all-round primer for smooth sawn timber.
- ◆ Contains agents against mould and weathering.
- ◆ Gives good protection for 6 - 10 months and is a good primer for either water-borne top coat or oil paint.
- ◆ Suitable for priming of weatherboards.

### TECHNICAL DATA

#### Solids content

abt. 37 weight-%. (243 6001)  
abt. 26 weight-%. (243 6003)  
abt. 37 weight-%. (243 0301)

#### Specific gravity

1.13 - 1.20 kg/litre.

#### Product codes

243 series

#### Recommended spreading amounts and theoretical coverage

Recommended spreading amounts (unthinned)		Theoretical coverage
wet / one layer	theoretical dry film thickness	
135 g/m <sup>2</sup>	30 µm	9 - 10 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.

#### Storage (23 °C)

6 months.

#### Application details

Application technique	Viscosity DIN4
Airless spraying	30 - 40 s
Airmix	20 - 30 s
Vacuum application	50 - 60 s

#### Drying times (100 - 120 g/m<sup>2</sup>)

	20 °C
Dry to handle, loose timber, after	6 - 12 h
Dry to handle, in stack, after	24 h
IRM	3 - 8 min

**Note!** Dark shades made from C-base will dry slower.

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

#### Thinner and cleaning of equipment

Water.

#### Gloss

Matt.

#### Colours

White 0301, iron oxide red 2931 and shades on the House Paint colour card. TEMASPEED FONTE and SYMPHONY tinting systems.

# PINJA PRO PRIMER

## APPLICATION DETAILS

- Application** Stir the primer carefully before use. Avoid flotation. At spray application the primer can be thinned 5 - 10 % with water if necessary.  
Choose the colour of the primer in accordance with the colour of the finishing paint.  
Finish the surfaces with PIKA-TEHO, VINHA, ULTRA or TEHO at the earliest after 24 hours from priming.
- Application conditions** The surface to be treated has to be clean and dry. The moisture content of sawn timber has to be below 20 %. The temperature of the air, the surface to be treated and the primer has to be at least 5 °C and the relative humidity of the air below 80 %.
- VOC** The Volatile Organic Compounds amount is 8 g/litre of paint.  
Maximum VOC content in ready to use paint (thinned 10 % by volume) is 8 g/l.
- 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 Coatings Oy.

rer120107/mk080107/243-s.

## Ultra Pro

### PRODUCT DETAILS

#### DESCRIPTION

A water-based one-component, polyacrylate exterior topcoat.

#### PRODUCT FEATURES AND RECOMMENDED USES

- ◆ Ultra Pro belongs to the Tikkurila ProHouse concept.
- ◆ A topcoat which does not need a separate primer.
- ◆ Contains alkyd for improved adhesion to bare wood.
- ◆ Suitable for exterior wooden panels and claddings etc.
- ◆ Fast drying line product which has excellent stacking properties.
- ◆ Protects the surface against moisture, sunlight and dirt.
- ◆ Extremely low water absorption.
- ◆ Delay water penetration into wood and therefore decreases moisture cracking of wood surface.
- ◆ Recommended wet film thickness 115-150 g/m<sup>2</sup> each layer (dry film thickness 40–50 µm).
- ◆ Recommended dry film thickness for two layers 80–100 µm.
- ◆ Can be coated with Ultra Matt paint in building site, if needed.
- ◆ Tested according to the standard EN 927-5.

### TECHNICAL DATA

#### Volume solids

AP-base paint: 39 volume-%  
CP-base paint: 40 volume-%

#### Weight solids

AP-base paint: 48 weight-%  
CP-base paint: 47 weight-%

#### Specific gravity

AP-base: 1.20 kg/l  
CP-base: 1.14 kg/l

#### Product codes

709 6201, AP-base paint  
709 6203, CP-base paint

#### Theoretical coverage

8–10 m<sup>2</sup>/l when wet film thickness is about 115–150 g/m<sup>2</sup> and dry film thickness 40-50 µm.  
4–5 m<sup>2</sup>/l for complete two layer system when dry film thickness is about 80–100 µm.  
Practical coverage depends on the application method, painting conditions and the shape and roughness of the surface to be coated.

#### Storage ( +23 °C)

12 months.

#### Application methods

Spraying, brushing machine or vacuum.

#### Drying times

Fast drying in convectional air drying oven with temperature 30–50 °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 colour shade, drying time, film thickness, temperature, the relative humidity of the air and ventilation.

#### Gloss

Matt.

#### Colours

The shades on the Wooden Facades colour card for exterior use.

#### Tinting systems

AVATINT tinting system.

# Ultra Pro

## APPLICATION DETAILS

<b>Surface preparation</b>	Surfaces must be free of dirt.
<b>Application conditions</b>	The surface to be treated has to be clean and dry. The moisture content of sawn timber has to be below 20 %.
<b>Recommended primers</b>	To be used without any separate primer.
<b>Mixing components</b>	Stir the paint carefully before use. Avoid flotation. Thin with water if necessary.
<b>Application (+23°C)</b>	<p><b>Airless spraying</b> application viscosity can be reached with approximately 0–2 % of thinning by volume. Nozzle tip 0.013"–0.015" is recommended to use with the pressure of 140–180 bar. Spray angle shall be chosen according to the shape of the object.</p> <p><b>Air assisted airless</b> application viscosity can be reached with approximately 0–2 % of thinning by volume. Nozzle tip 0.013"–0.015" is recommended to use with the 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.</p> <p><b>Conventional</b> application viscosity can be reached with approximately 0–2 % thinning by volume. Nozzle tip 1.6 –2.0 mm is recommended to use with the pressure 2–3 bar.</p>
<b>Thinner</b>	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>For industrial and professional use only.</b>
<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.
<b>More information</b>	If you have any questions about this product, please go to web site <a href="http://www.tikkurila.com">www.tikkurila.com</a> or send an e-mail to <a href="mailto:info.coatings@tikkurila.com">info.coatings@tikkurila.com</a> .

JHA151112/tmk261012/709-s.