



# Akvi Primer Pro

## DESCRIPTION

A water-borne acrylate primer.

## PRODUCT FEATURES AND RECOMMENDED USES

- The primer is easy to sand and because of drying properties, it is suitable for fast production lines
- Suitable for MDF and other wooden surfaces, yielding the most hiding white surface
- Easy to use with both water- and solvent-borne topcoats
- Suitable for mdf and wooden surfaces like doors, furniture, panels, mouldings etc. in interior premises

## TECHNICAL DATA

Volume solids 34±2%

Weight solids 52±2%

Specific gravity 1.4 kg / l

## Recommended spreading amounts and theoretical coverage

Recommended spreading amounts (unthinned)		Theoretical coverage
wet	dry	
100–150 g/m <sup>2</sup>	25–35µm	10–14 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

120–130 g/m <sup>2</sup> wet paint	+23°C	+50°C
Dust dry, after	20min	5–10min
Dry to sand, after	60min	15min

Stacking temperature below +35°C.

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

## Gloss

Matt.

## Color shades

White.



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## APPLICATION INSTRUCTIONS

<b>Surface preparation</b>	Remove dust, loose particles and other impurities from the surface. Wood surfaces must be sanded with sandpaper P150–320. Sanding prior to the next application with sandpaper P240–400. All sanding dust must be removed.
<b>Recommended topcoats</b>	Akvi Top DS 25, Diccoplast 30, Luminol 25.
<b>Application conditions</b>	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 the product must be over +18°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.
<b>Application</b>	<p>Stir the paint carefully. Thin the paint to the viscosity required.</p> <p>For airless spraying the product is thinned approximately 0–5% to the viscosity 50–80s (DIN4). Recommended nozzle tip is 0.011"–0.015" and pressure 100–160 bar. Spray angle shall be chosen according to the shape of the object.</p> <p>For air-assisted airless spraying, the product is thinned approximately 0–5% to the viscosity 50–80s (DIN4). Recommended nozzle tip is 0.011"–0.015" and pressure 40–120 bar. Atomising air pressure should be about 1–3 bar. Spray angle shall be chosen according to the shape of the object.</p> <p>For conventional spraying the product is thinned approximately 0–5% to the viscosity 50–80s (DIN4). Recommended nozzle tip is 1.4–1.8 mm and pressure 2–3 bar.</p>
<b>Thinners</b>	Water
<b>Cleaning of equipment</b>	Water
<b>VOC</b>	The Volatile Organic Compounds amount is 31 g/litre of paint mixture. VOC content of the paint mixture (thinned 5% by volume) is 30 g/l. 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.

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