

# Akvi Primer

## DESCRIPTION

A water-borne all-round acrylate primer.

## PRODUCT FEATURES AND RECOMMENDED USES

- An all-round primer with outstanding sanding properties, thus making it suitable for fast production lines
- Dries fast even at room temperature and can be overcoated either with water or solvent-borne products
- Suitable for furniture, doors, mouldings and other wooden surfaces in interior premises

## TECHNICAL DATA

**Volume solids** 41±2%

**Weight solids** 58±2%

**Specific gravity** 1.4 kg / l

## Recommended spreading amounts and theoretical coverage

Recommended spreading amounts (unthinned)		Theoretical coverage
wet	dry	
80–120 g/m <sup>2</sup>	24–35 µm	11–18 m <sup>2</sup> /l

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

## Drying times

100–120 g/m <sup>2</sup> wet film	+23°C	+50°C	IRM
Dust dry, after	5–10min	5–10min	
Touch dry, after	10–15min	5–10min	
Dry to sand, after	15–20min	5–10min	1–2min

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 N, Luminol SP 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 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>For airless spraying, the product is thinned approximately 0–10% to the viscosity 40–80s (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 0–10% to the viscosity 40–80s (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 0–10% to the viscosity 40–80s (DIN4). Recommended nozzle tip is 1.4–1.8 mm and pressure 2–3 bar.</p>
<b>Thinners</b>	Water, Akvi Thinner
<b>Cleaning of equipment</b>	Water or Akvi Thinner
<b>VOC</b>	The Volatile Organic Compounds amount is 57 g/litre of paint mixture. VOC content of the paint mixture (thinned 10% by volume) is 51 g/l. VOC 2004/42/EC (cat A/d) 130 g/l (2010)

<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.
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### For industrial and professional use only.

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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.