



Akvi Primer MP

DESCRIPTION

A water-borne acrylate primer with excellent hiding power

PRODUCT FEATURES AND RECOMMENDED USES

- Developed to increase efficiency in fast production lines
- Easy to sand, making it an excellent substrate for the subsequent paint layer. Both water and solvent-borne topcoats can be used
- Retards fiber swelling of wood. In addition to this, excellent hiding power and filling properties ensure the esthetic look of the final surface
- The M1 classification for low-emitting building materials has been granted by the Finnish Building Information Foundation RTS
- Suitable for MDF and wooden surfaces, such as doors, furniture, panels and mouldings

TECHNICAL DATA

Volume solids 40±2%

Weight solids 59±2%

Specific gravity 1.5 kg / l

Recommended spreading amounts and theoretical coverage

Recommended spreading amounts (unthinned)		Theoretical coverage
wet	dry	
100–150 g/m ²	30–45 µm	9–14m ² /l

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

Drying times

120–130 g/m ² wet paint	+23°C	+50°C
Dust dry, after	20min	5–10 min
Dry to sand, after	30min	5–10 min

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

Surface preparation	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.
Recommended topcoats	Akvi Top DS 25, Akvi Top FD 30, Diccoplast 30, Luminol 25.
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 +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.
Application	<p>For airless spraying the product is thinned approximately 0–5% to the viscosity 70–90s (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 70–90s (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 70–90s (DIN4). Recommended nozzle tip is 1.4–1.8 mm and pressure 2–3 bar.</p>
Thinners	Water
Cleaning of equipment	Water.
VOC	<p>The Volatile Organic Compounds amount is 55 g/litre of paint mixture.</p> <p>VOC content of the paint mixture (thinned 5% by volume) is 51 g/l.</p> <p>VOC 2004/42/EC (cat A/d) 130 g/l (2010)</p>
HEALTH AND SAFETY	<p>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.</p> <p>A health and safety data sheet is available on request from Tikkurila Oyj.</p>

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.