



Akvi Isolator

DESCRIPTION

A water-borne acrylate primer for retarding knot bleeding.

PRODUCT FEATURES AND RECOMMENDED USES

- Retards knot and resin bleeding, thus slowing down discoloring of topcoat.
- Forms a smooth and dense substrate for the subsequent paint layer.
- A fast-drying water-borne primer with isolating properties.
- Outstanding filling properties.
- Recommended for wooden panels, mouldings, doors or other wooden surfaces for interior use.

TECHNICAL DATA

Volume solids 36±2%

Weight solids 51±2%

Specific gravity 1.3 kg/l

Recommended spreading amounts and theoretical coverage

Recommended spreading amounts (unthinned)		Theoretical coverage
wet	dry	
150 g/m ²	42 µm	8–9 m ² /l

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

Drying times

150 g/m ² wet paint	+23°C	+50°C
Dust dry, after	35 min	5–10 min
Dry to sand, after	60 min	5–10 min

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.
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	Stir the product carefully before use. Avoid flotation. For airless spraying, the product can be thinned approximately 0–5% by water if needed. Recommended nozzle tip is 0.013"–0.017" and pressure 80–160 bar. Spray angle shall be chosen according to the shape of the object. For air-assisted airless spraying, the product can be thinned approximately 0–5% if needed. Recommended nozzle tip is 0.013"–0.017" 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 0–5% to the viscosity 60–80s (DIN4). Recommended nozzle tip is 1.4–1.8 mm and pressure 2–3 bar. Apply 1–2 times.
Thinners	Water
Cleaning of equipment	Water
VOC	The Volatile Organic Compounds amount is 20 g/litre of paint. Maximum VOC content in ready to use paint is 18 g/l. VOC 2004/42/EC (cat A/i) 140 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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For industrial and professional use only.

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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.