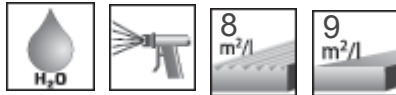


Akvi Isolator

DESCRIPTION	A water-borne acrylate primer.
PRODUCT FEATURES	Wooden interior surfaces.
RECOMMENDED USES	Recommended for interior wooden panels, mouldings, doors, etc.



TECHNICAL DATA



Features	<ul style="list-style-type: none"> • A fast-drying water-borne primer with isolating properties. • Retards knot bleeding. • Slows down discolouring of topcoat caused by resins. In order to reach good isolating properties it is recommended to apply two layers.
Colour Range	White.

Coverage	Recommended spreading amounts (unthinned)		Theoretical coverage
	dry	wet	
		43 µm	150 g/m ²

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

Thinner	Water		
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.

Solids volume	38 % by volume and 51% by weight.
Density	1.3 kg/litre.
Product code	005 3841

APPLICATION DETAILS

Application conditions	The surface to be treated has to be clean and dry. During application and drying the temperature of the air, the surface to be treated and the primer has to be over +18°C and the relative humidity of the air below 70%.
Preparation	Wood surfaces should be sanded with sandpaper P150–320. Primed surfaces should be sanded with sandpaper P320–600. All sanding dust must be removed.



Akvi Isolator

For airless spraying, the product can be thinned approximately 0–5% by water if needed. Recommended nozzle tip is 0.011"–0.013" and pressure 80–160 bar. Spray angle shall be chosen according to the shape of the object.

Painting

For air–assisted airless spraying, the product can be thinned approximately 0–5% if needed. Recommended nozzle tip is 0,011"–0,013" 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.

Finishing

Akvi Top DS 25, Akvi Top FD 30 and Luminol 25.

Mixing of components

Stir the paint carefully before use. Avoid flotation. If necessary thin the paint with water.

EU VOC 2004/42/ EC-limit value

The Volatile Organic Compounds amount is 37 g/litre of paint.
Maximum VOC content in ready to use paint is 37 g/l.

HEALTH AND SAFETY LABELLING according to Regulation (EC) No. 1272/2008

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. For industrial and professional use only. [AKVI ISOLATOR](#)

ENVIRONMENTAL and WASTE - DISPOSAL TRANSPORT -

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The above information, based on laboratory tests and practical experience, has been proved valid at the date marked on the product data sheet. The quality of the product is ensured by our operational system, based on the requirements of ISO 9001 and ISO 14001. As a manufacturer we cannot be responsible for any damages caused by using the product against our instructions or for inappropriate purposes.