

TECHNOLOGY

Waterborne

PRODUCT TYPE

Topcoat

PRODUCT DESCRIPTION

Lightfast waterborne 1K topcoat with good transparency and mechanical and chemical resistance.

- good transparency
- good mechanical and chemical resistance
- lightfast

**COLOUR**

Clear

GLOSS LEVEL (APPROX. GU @ 60°)

05 / 20 / 40

PACK SIZES

20 L

SHELF LIFE

12 months

STORAGE CONDITIONS

Keep cans tightly sealed, in a well ventilated place, with controlled temperature between 10 and 30°C

SOLID CONTENT

33% -34.3% depending on gloss level

DENSITY (SPECIFIC WEIGHT)

1.02 - 1.04 +/- 1% depending on gloss level

DELIVER VISCOSITY

120 ± 10 Viscosity at delivery DIN 4 mm (sec.)

PREPARATION OF SUBSTRATES

	Raw wooden surfaces. Graduated sanding of wood. Carefully remove the sanding dust. Coarse-pore wood must be brushed out	P120, P150, P180
	Stained wooden surfaces	Sand prior to staining
	Raw wooden surfaces. Exotic wood / woods rich in extractives Wood or MDF in wet rooms	Isolate with AIS180.
	Surfaces coated with the pigmented topcoat AQUALIT COLOR	Topcoat must be applied without intermediate sanding after 6 hours up to a maximum of 24 hours.

THINNING

tap water

APPLICATION METHOD



Spray application airmix/airless, spray application high/low pressure

Products from AkzoNobel Wood Coatings are exclusively produced for professional and industrial users, who have a basic knowledge of the handling and application of chemical/technical products for surface design. The processing instructions for reaching the qualities given in the leaflets should be regarded as non-binding recommendations and do not constitute any warranty. These recommendations are based on our experiences, including test series, and should facilitate and promote the work of our clients. Any potential deviation from ideal working conditions is within the responsibility of our clients and may affect the (end) result of the application. The purchaser is not relieved from his duties to inspect the product and its suitability for the surface to be processed, preferably through trial processing. If in any doubt as to the handling or processing of the purchased product, our material experts as well as our application and laboratory technicians will help you to the best of their ability.

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APPLICATION

		
Spray pressure (bar)	1.5 - 2.0	110 - 130
Nozzle size (mm)	1.8-2.0	0.25-0.28
Thinner to be added (%)	5 - 10	5 - 10
Processing viscosity DIN 4mm (sec.)	40-50	40-50
Layer Thickness (g/m ²)	100 - 140	100 - 140

DRYING TIME @ 20°C

Dust dry	At least 30 minutes
Touch dry	At least 2 hours
Sandable	At least 4 hours
Ready for transport	At least 12 hours

TEST STANDARDS

	EN 71-3 Migration of soluble heavy metals / DIN 53160 Part 1 and 2 Resistance to saliva and sweat (the gloss levels 05/40 are excluded)
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