

Aqualit A-T280-90



Product data	
Packaging size	5l
Viscosity at delivery DIN 4 mm (sec.)	42 ± 2
Shelf life – Original container unopened	at least 1 year
VOC Directive EC limit value for this product (cat. A/e): 130 g/l (2010)	This product contains max. 80 g/l VOC.

Gloss levels		
Product number	Gloss level	DIN 67530 Angle of 60°
A-T280-90	high gloss	90 ± 2

Preparation of substrates		
	Raw wooden surfaces.	Close the pores by repeated application of Aqualit A-IS180.
	Surfaces coated with the pigmented topcoat AqualitColor	Topcoat must be applied without intermediate sanding after 6 hours up to a maximum of 24 hours.

Processing	
	Shake or stir carefully!
	Mix and apply the product as described under "Hardener Thinner Additives". During coating and during drying, any incidence of dust must be avoided. In order to improve the high gloss effect and as a preparatory step for polishing after drying overnight, the surfaces should be depickled with P600-1200 grit paper and then be coated again with the same material. When applying on AqualitColor, two coats of Aqualit A-T280-90 are required.



Hardener - Thinner - Additives		
	Hardening	20% of HWA 6000
	Dilution	10 % tap water
	Pot life	up to 5 hours

Application	
Spray pressure (bar)	1.5 - 2.0
Nozzle size (mm)	1.2-1.4
Thinner to be added (%)	10
Processing viscosity DIN 4mm (sec.)	42 ± 2
Coverage per application (g/m²)	80-100
Coverage (m²/l)	6-8

Drying time @ 20°C	
Dust dry	at least 1 hour
Touch dry	at least 2 hours
Ready for transport	at least 16 hours
Sandable	at least 8 hours
Polishable	at least 3 days

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. AkzoNobel, of course, guarantees an impeccable quality of its products in its product specifications, yet the use thereof lies entirely within the responsibility of the purchaser. As long as we have not guaranteed – in writing – the specific characteristics and suitability of a product for a contractually agreed purpose, any advice or information given regarding the application or handling, even if the advice or information is given to the best of our knowledge, will not be binding nor will it constitute a warranty. AkzoNobel's liability for the use of its products by its customers is limited in its General Sales and Delivery Conditions, to which the purchaser is hereby referred. The applicable version of the Technical Data Sheet for this product can be downloaded from our websites. Previous versions of the Technical Data Sheets are rendered void with the issue of a new one. Date of issue: 2020-07-16 / 36

Aqualit

Special notes	
The product is frost-sensitive. Do not store and transport under 5° C	
Do not use any rusting tools.	
Always keep the containers closed in order to protect the contents against drying-out.	
CO2 is released during the reaction of the two components. For that reason, the hardened product must not be poured into a closed container.	
PU hardeners are affected by moisture. Always store the hardener in tightly closed original batches.	
When using PU hardeners, always follow the safety instructions on the label.	
PU hardeners can be stored in the closed original container at a cool and dry place for a maximum of one year.	
Excessive film thickness of the product will cause the formation of bubbles, which become visible after approx. four hours. Therefore, always keep the maximum film thickness, especially in the area of profiles and inner edges.	
The product must not be thinned with TWA 9000-F.	
Test standards	
	DIN 68861/1B Chemical exposure of furniture surfaces
	Requirements to the surfaces of kitchen furniture according to DIN68930 regarding the resistance under changing climatic conditions

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