








Product description				
Description	Water-dilutable stair varnish of the latest generation with the appearance of natural wood. Absolutely "creak-free", resistant to crème and grease, non yellowing, for high mechanical load already when used as one-pack product. When used as two-pack variant, the chemical resistance and the mechanical performance are further improved.			
Range of application				
Description	Due to its high solid contents and its scratch and skid resistance it is excellently suitable for coating all kinds of wooden stairs and all mechanically highly stressed components. In case of bracketed and closed string stairs, the product can be applied as "creak-free" coating.			
Product data				
Product code	VC-T-0 VC-T-9			
Packaging size	5l 25l			
Viscosity at delivery DIN 4 mm (sec.)	60 ± 5			
VOC Directive EC limit value for this product (cat. A/e): 130 g/l (2010)	The unhardened product contains max. 50 g/l VOC. The hardened product contains max. 82 g/l VOC.			
Shelf life – Original container unopened	at least 1 year			
Gloss levels				
Product number	Gloss level	DIN 67530 Angle of 60°		
VC-T-0	matt	10 ± 2		
VC-T-9	semi matt	20 ± 2		
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		
Processing				
	Stir thoroughly!			
Hardener - Thinner - Additives				
	Hardening optional	5 % of PWH 3200		
	Dilution	Variocryl® Optimizer VO or tap water		
	Pot life 20°C, 65% rel. humidity	up to 4 hours (only when the product is applied as two- pack product)		
Application				
Spray pressure (bar)		1.5-2.0	80-100	
Nozzle size (mm)		1.8-2.0	0.23-0.28	
Thinner to be added (%)		0-10	0-10	0-10
Processing viscosity DIN 4mm (sec.)		45	45	45
Coverage per application (g/m²)		100-120	100-120	80-100
Coverage (m²/l)		6-7	6-7	10-12
Drying time @ 20°C				
Dust dry		at least 40 minutes		
Touch dry		at least 90 min.		
Ready for transport		at least 12 hours		
Sandable		at least 4 hours		
Aftertreatment				
After sanding with P280-320 grit paper, the surface can be retreated with the same product at any time. For an adequate surface protection, we recommend applying a total of at least three coating films.				
Test standards				
	General appraisal certificate with regard to low flammability according to DIN 4102/B1 on hardly inflammable B1-tested wooden particle boards, even veneered.			
	Slip resistance according to DIN 51130 and ASR A1.5 / 1.2 with the addition of 3% Structure Powder fine STP-F.			

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: 2025-03-10 / 34