


Product description		
Description	Water-thinnable, lightfast varnish system. Optionally applicable as one-pack or as two-pack product.	
Range of application		
Description	Almost all woods and wood materials in the interior. The product can be applied as colourless multi-layer varnish or in paint compositions with the products Variofill VF and Variocryl® Color VCC/Colour.	
Product data		
Product code	VC-9 VC-0 VC-8 VC-TM	
Packaging size	5l 20 l	
Viscosity at delivery DIN 4 mm (sec.)	40 ± 2	
VOC Directive EC limit value for this product (cat. A/e): 130 g/l (2010)	The unhardened product contains max. 72 g/l VOC. The hardened product contains max. 86 g/l VOC.	
Shelf life - Original container unopened	at least 1 year	
Gloss levels		
Product number	Gloss level	DIN 67530 Angle of 60°
VC-0	matt	10 ± 2
VC-8	semi gloss	40 ± 2
VC-9	semi matt	20 ± 2
VC-TM	dead matt	5 ± 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	10 % 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	110-130
Nozzle size (mm)	1.8-2.0	0.25-0.28
Thinner to be added (%)	0-10	0-10
Processing viscosity DIN 4mm (sec.)	40	40
Coverage per application (g/m²)	100-140	100-140
Coverage (m²/l)	5 - 7	5 - 7
Drying time @ 20°C		
Dust dry	at least 40 minutes	
Touch dry	at least 1 hour	
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.		

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: 2022-05-02 / 5

Test standards	
	When used as one-pack product: DIN 68861/1C Chemical exposure of furniture surfaces When used as two-pack product: DIN 68861/1B Chemical exposure of furniture surfaces
	EN 71-3 Migration of soluble heavy metals
	DIN 53160 Part 1 and 2 Resistance to saliva and sweat
	General appraisal certificate with regard to low flammability according to DIN 4102/B1 on hardly inflammable B1-tested wooden particle boards, even veneered.
	Hardly inflammable according to EN 13501 in compositions with Variofill VF, Variocryl® Color and Variocryl® varnishes on MDF material approved according to EN 13501. All coats of lacquer must be applied with hardener.

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