









Product description		
Description	<p>1K Waterborne pigmented topcoat with excellent scratch and chemical resistance. Excellent levelling and hiding power, especially on sharp edges.</p> <ul style="list-style-type: none"> • Excellent chemical resistance , especially stain resistance like coffee is excellent (DIN 68861 1B) • Excellent scratch resistance • Excellent edge covering • Excellent levelling, especially on sharp edges. • Low VOC • Colour mixing system for the creation of almost any colour according to Sikken, RAL, NCS, etc. or to your own sample. 	
	<p>Processing</p> <p> Stir thoroughly!</p> <p> Mix and apply the product as described under "Hardener Thinner Additives".</p>	
Hardener - Thinner - Additives		
<p> Dilution</p>	Variocryl® Optimizer VO or tap water	
Application		
Spray pressure (bar)	1.5-3.0	110-130
Nozzle size (mm)	1.6-2.0	0.23-0.28
Thinner to be added (%)	0-10	0-5
Processing viscosity DIN 4mm (sec.)	130-160	130-160
Coverage per application (g/m ²)	100-120	100-120
Coverage (m ² /l)	6-7	6-7
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		
<p>After sanding with P280-320 grit paper, the surface can be retreated with the same product at any time. To protect the paint and to obtain a certain gloss level, we recommend applying a coat of varnish with our lightfast systems such as Variocryl® or Duocryl. For that reason, the lacquer coat is overpainted with the varnish after approx. 4 hours up to a maximum of 24 hours without intermediate sanding. If the final coat cannot be applied within that period of time, the pigmented topcoat must be sanded and first be applied again.</p>		
Range of application		
Description	Almost all woods and wood materials in the interior. Ideally suitable in compositions with Variofill VF.	
Product data		
Product code	VTC	
Viscosity at delivery DIN 4 mm (sec.)	145 +/- 15 sec, depending on the color	
VOC Directive EC limit value for this product (cat. A/d): 130 g/l (2010)	This product contains max. 86 g/l VOC.	
Shelf life – Original container unopened	1 year	
Gloss levels		
Product number	Gloss level	
VTC	semi matt	
Preparation of substrates		
	<p>MDF - affected by moisture</p> <p>Apply Variofill VF hardened until a closed, even surface is obtained. Final sanding of the primer with grain size P280 - P320.</p>	

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: 2024-08-07 / 21

Special notes
The product is frost-sensitive. Do not store and transport under 5° C.
Do not use any rusting tools.
After use, first clean the working equipment with water and then with Zweihorn® Universal Cleanser UR.
Plastic foil boards (e.g., HPL or melamine resin) must be thoroughly sanded. Priming foil boards must be clean and free from grease and silicone.
Always keep the containers closed in order to protect the contents against drying-out.

Test standards
 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
 Hardly inflammable according to the Marine Equipment Directive MED 2014/90/EC. -is requested-
 Requirements to the surfaces of kitchen furniture regarding the resistance under changing climatic conditions.
 Tox Control - The label for low-emission furniture coatings -is requested-

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