

# Crystallit® 2K-PUR Isolating Sealer CL-I



Product description		Application	
Description	Two-pack, solventborne, glass clear, flame retardent, non-yellowing PU isolating sealer with excellent filling capacity. Specially suitable for the hardly inflammable compositions according to the Marine Equipment Directive MED 2014/90/EU.		
		Spray pressure (bar)	1.5-2.0 60-90
		Nozzle size (mm)	1.6-2.0 0.18-0.23
		Thinner to be added (%)	10-30 0-30
		Processing viscosity DIN 4mm (sec.)	15-20 15-20
		Coverage per application (g/m <sup>2</sup> )	100-140 100-140
		Coverage (m <sup>2</sup> /l)	4-7 4-7
		Maximum application quantity for MED 2014/90/EU per application (g/m <sup>2</sup> )	120 120
Range of application		Drying time @ 20°C	
Description	Almost all wooden furniture in the interior. Optimized for closed-pore coatings. With isolating properties, suitable even for wood rich in extractives and exotic wood.	Dust dry	at least 30 minutes
		Touch dry	at least 2 hours
		Sandable	at least 8 hours
Product data		Aftertreatment	
Product code	CL-I	After sanding with P280-320 grit paper, the surface can be retreated with the same product at any time. As topcoat, we recommend using a product from the same range of products with any desired gloss level. For example, Crystallit® CL 7, 8, 9, 0, TM or H	
Packaging size	5l 25l		
Viscosity at delivery DIN 4 mm (sec.)	20 ± 2		
Shelf life – Original container unopened	at least 2 years		
Preparation of substrates			
	Raw wooden surfaces.	P120, P150, P180	
	Stained wooden surfaces	Sand prior to staining	
Processing			
	Stir thoroughly!		
	Mix and apply the product as described under "Hardener Thinner Additives".		
Hardener - Thinner - Additives			
	Hardening	20% PUR 5085	
	Dilution	S 9004 normal drying S 9029 slow drying	
	Pot life	up to 4 hours	

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: 2025-02-06 / 37

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Special notes	
After sanding, greasy wood rich in ingredients, such as teak, should first be degreased with Zweihorn® Universal Cleanser UR and a lint-free cloth in the direction of the wood grain.	
After use, clean the tools with Zweihorn® Universal Cleanser UR.	
Always make a test on the original wood before the product is processed.	
Do not process and dry PU lacquers below 15° C.	
If higher UV resistance of the substrate is required, Special Sunblocker SB can be added to the varnish. See the Technical Data Sheet of Special Sunblocker SB. For objects, which shall be extremely lightfast, we recommend using lightfast varnish systems such as varnishes of the Crystallit® series plus Special Sunblocker SB.	
Improper use of the products, e.g., excessive layer thickness or application without sanding the primer before, may cause adhesion problems.	
It is not allowed to add Turbo Accelerator TBS to the product because pot life will be considerably reduced.	
May only be used with two-pack PUR paint/varnish systems.	
PU hardeners are affected by moisture. Always store the hardener in tightly closed original batches.	
PU lacquers can be applied within one working day without any intermediate sanding. After that period of time, intermediate sanding must be made just before further processing, in order to ensure proper adhesion.	
When using PU hardeners, always follow the safety instructions on the label.	

Test standards	
	Hardly inflammable according to the Marine Equipment Directive MED 2014/90/EC.

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