



Product description	
Description	<p>2K PU Acrylic clear top coat with anti-fingerprint and anti-scratch resistance, moderately yellowing.</p> <ul style="list-style-type: none"> • extreme scratch resistant • anti-fingerprint • ultra matt

Range of application	
Description	Almost all wooden furniture in the interior. Optimized for closed-pore coatings.

Product data	
Product code	CL-UM
Packaging size	20 l
Viscosity at delivery DIN 4 mm (sec.)	35 ± 5
Shelf life - Original container unopened	at least 2 years

Gloss levels		
Product number	Gloss level	DIN 67530 Angle of 60°
CL-UM	Ultramatt	3 ± 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
	Stained wooden surfaces	Sand prior to staining
	Closed-pore coatings	Close the pores by repeated application of Crystallit® Filling and Insulating Primer CL-FI.
	Exotic wood / woods rich in extractives. Wood or MDF in wet rooms	Insulate with CL-FI or S 7000 before.
	Surfaces coated with WNC or WTC	Topcoat must be applied without intermediate sanding after 3 hours up to a maximum of 8 hours

Hardener - Thinner - Additives		
	Hardening	40% PUR 5214
	Dilution	S 9004 normal drying S 9029 slow drying
	Pot life	up to 4 hours



Application		
Spray pressure (bar)	1.5-2.0	110-130
Nozzle size (mm)	1.6-2.0	0.23-0.28
Thinner to be added (%)	10	10
Processing viscosity DIN 4mm (sec.)	17	17
Coverage per application (g/m²)	80-100	80-100
Coverage (m²/l)	7-10	7-10

Drying time @ 20°C	
Dust dry	at least 4 hours
Touch dry	at least 8 hours
Ready for transport	at least 24 hours

Aftertreatment
After sanding with P280-320 grit paper, the surface can be retreated with the same product at any time.

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Special notes
Do not process and dry PU lacquers below 15° C.
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.
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.
As final coat on white and pastel colours for which high stability must be ensured, we recommend applying lightfast varnishes such as Crystallit®, Diadur® or Purolit.
Do not use this product to treat bleached wood because yellowness could occur.
This product is sensitive to dyes and dyeing substances such as ink, mustard, coffee, red wine, tomato sauce, etc. Always avoid that these substances seep into the surface. In case of contact with these substances immediately clean the surface with a damp cloth.

Test standards
 DIN 68861 Part 4a Scratch resistance
 DIN 68861/1C Chemical exposure of furniture surfaces

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