

Crystallit® 2K-PU Dead Matt Varnish CL-TM



Product description	
Description	Two-pack, solvent-thinnable, lightfast, clear PU topcoat

Range of application	
Description	Almost all wooden furniture in the interior. Open- or closed-pore coatings. Top coat on Wigranit® Novacolor WNC/colour paint.

Product data	
Product code	CL-TM
Packaging size	5l 25l
Viscosity at delivery DIN 4 mm (sec.)	25 ± 2
Shelf life - Original container unopened	at least 2 years

Gloss levels		
Product number	Gloss level	DIN 67530 Angle of 60°
CL-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
	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	Topcoat must be applied without intermediate sanding after 3 hours up to a maximum of 8 hours

Processing	
	Stir thoroughly!
	Mix and apply the product as described under "Hardener Thinner Additives".









Hardener - Thinner - Additives		
	Hardening	10 % PUR 5085
	Dilution	S 9004 normal drying S 9029 slow drying
	Pot life 20°C, 65% rel. humidity	

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 (%)	10-20	
Processing viscosity DIN 4mm (sec.)	18-20	25
Coverage per application (g/m²)	90-120	120
Coverage (m²/l)	6-10	7
Coverage for IMO/USCG per application (g/m²)	120	120

Drying time @ 20°C	
Dust dry	at least 15 minutes
Touch dry	at least 45 minutes
Ready for transport	at least 12 hours
Sandable	at least 1 hour

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

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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
	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 combination with IF, WNC/colour and CL 7, 8, 9, 0, TM and CL-H on MDF material approved according to EN 13501.
	Hardly inflammable according to the Marine Equipment Directive MED 2014/90/EC.
	Requirements to the surfaces of kitchen furniture according to DIN 68930 regarding the resistance under changing climatic conditions.
	Tox Control - The label for low-emission furniture coatings

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