

# Crystallit® Two-Pack PUR Brightening Varnish CL-A



Product description	
Description	Two-pack, solvent-thinnable, low-wetting PUR varnish for preserving the original stain colour or the natural wood colour in the case of light wood.

Range of application	
Description	Almost all wooden furniture in the interior. Suitable as a brightening primer for all types of wood and wood materials. The product is ideally suitable as non-emphasizing pre-treatment for further coating with Crystallit® two-pack PR Dead Matt Varnish CL-TM.

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

Gloss levels		
Product number	Gloss level	DIN 67530 Angle of 60°
CL-A	dull matt	5 ± 2

Preparation of substrates		
	Raw wooden surfaces.	P120, P150, P180
	Stained wooden surfaces	Sand prior to staining
	Closed-pore coatings	Apply the product several times until the pores are closed. Heavily porous wood can, after two primer coats with CL-A have been applied, first be filled with CL-FI and then finally be coated with CL 7, 8, 9, 0 or TM.
	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 For higher mechanical resistance and to ensure high colour stability we recommend using lightfast varnish such as CL 7, 8, 9, 0 or TM.



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

Hardener - Thinner - Additives		
	Hardening	5 % PUR 5085
	Dilution	S 9004 normal drying S 9029 slow drying
	Pot life	up to 24 hours

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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/m <sup>2</sup> )	90-120	120
Coverage (m <sup>2</sup> /l)	6-10	7

Drying time @ 20°C	
Dust dry	at least 15 minutes
Touch dry	at least 30 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. For heavily strained surfaces or for surfaces in wet rooms we recommend applying a final coat with Crystallit® Two-Pack PUR Varnish Deep Matt CL-TM or CL 7, 8, 9, 0.

Test standards	
	EN 71-3 Migration of soluble heavy metals
	DIN 53160 Part 1 and 2 Resistance to saliva and sweat
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	Tox Control - The label for low-emission furniture coatings

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