



# OLI-CRYL 2K Hochglanzlack 25.80

## - two-component high gloss lacquer -

### Product description

Highly transparent, extremely lightfast, polishable and buffable two-component acrylate-based finishing lacquer that is rich in solids for particularly demanding closed-pore high-gloss coatings of greatest brilliance.

### Properties

- high gloss
- extremely rich in solids
- extremely lightfast
- polishable and buffable
- very good water repellence
- very good chemical and mechanical resistance
- no discolouration on bleached woods (peroxide resistant)

### Test standards

- DIN EN 71-3 (heavy metals)
- DIN 53160 (saliva and sweat proof)
- DIN 68861 T1 B (for certain surfaces)
- DIN 68861 T1 C (chemical resistance)
- hand cream resistant
- free of APEO
- free of formaldehyde
- DINP-free

### Areas of application

Particularly suitable for surface coatings of all common wood types and woodwork in the interior, such as kitchen and bathroom furniture, office and shop fittings, and as ring resistant high-gloss top coat on pigmented surfaces.

- Due to its resistance to hydrogen peroxide, it is also suitable for bleached surfaces.
- In order to achieve closed-pore surfaces, we recommend a previous priming with OLI-CRYL 2c Primer filler 26.50.

### Ordering information

OLI-CRYL 2K Hochglanzlack 25.80				
- two-component high gloss lacquer -				
Gloss level	high gloss			
Ordering code	622 621 07			
Container sizes	5 ltrs			
OLI-CRYL Hardener	11.8			
Ordering code	621 647 18			
Container sizes	2,5 ltrs			
Thinner	V 71			
Ordering code	919 668 08			

### Labelling

For labelling details and safety instructions, please refer to our safety datasheet at [www.oli-lacke.de](http://www.oli-lacke.de).

### Technical data

Pot life:	2 h
Shelf-life in factory sealed containers:	12 months
Thinner:	V 71
Curing agent:	11.8
Mixing ratio:	2 : 1
Air drying at +23°C/65% rh	
Dust dry:	30 min
Sandable:	over night
Buffable:	approx. 3 days

### Application methods

	Cup spray gun	
Spray pressure (bar)	2,5 – 3,5	
Nozzle size (mm)	1,2 – 1,5	
Thinner (%)	5 – 10%	
Viscosity ( 4mm cup)	17 – 19 sec	
Coverage per coat (g/sqm)	100 – 150	



### Annotations/Instructions for use

- Stir well before use!
- Curing agents are moisture-sensitive, therefore close the container immediately after use!
- When using polyurethane lacquers, you should always do the intermediate sanding immediately before applying the next lacquer coat.
- Low temperatures slow down or even prevent the drying and hardening process of acrylic lacquers. Avoid temperatures below +15°C.
- For a brilliant high-gloss surface, a thorough preparation of the surface with the removal of all dust before the application and the adherence to hardening times are indispensable.
- Always sand the material immediately before the application of the next coat and remove all dust in order to ensure good bonding.
- Spray application on vertical surfaces!
- The surface must be absolutely dry and free of dirt, oil, grease and sanding dust.

### Application technology

Example	High gloss coating
<b>1. Gradual sanding</b>	Grit size 120-150-180
<b>2. Priming</b>	OLI-CRYL 2K Füllgrund 26.50, approx. 120-140 g/sqm
<b>3. Drying at 23°C / 65% rel. humidity</b>	At least over night drying (recommended) A longer drying period, e.g. 3 days, increases the bonding quality considerably.
<b>4. Intermediate sanding</b>	Grit size 320-600
	Depending on the condition of the surface, repeat the priming process 2-3 times as described above.
<b>5. High gloss coating</b>	Apply an even lacquer coat of OLI-CRYL 2K Hochglanzlack 25.80, but not too thickly (80-100 g/sqm)
<b>6. Drying at 23°C / 65% rel. humidity</b>	over night
<b>7. Intermediate sanding</b>	lightly, grit size 600-1200
	Depending on the condition of the surface, repeat the application 1-2 times as described above.
<b>Preparation for buffing</b>	
<b>8. Full hardness</b>	After 3 days
<b>9. Sanding</b>	Wet or dry sanding with orbital sander, grit size 1200-2000 Important: remove dust thoroughly with vacuum device and always use new sandpaper!
<b>10. Buffing</b>	Treat the surface with a standard buffing paste and a high-gloss polish.

Our verbal and written recommendations for application can only provide non-binding advice. They are based on our experiences and the current state of knowledge with regard to practical use. These recommendations, however, do not release the user from the obligation to test the suitability of the product for the intended purpose and application himself. This statement supersedes all previous versions. Last update: 12.02.2010.