



OLI-CRYL 2K Buntlack 40.50

- two-component colour lacquer -

Product description

Extremely colour stable, lightfast, ring resistant and very high-build two-component acrylate-based colour lacquer with an insulating effect. In contrast to conventional MDF coatings, you need not apply an undercoat of a separate insulating material and filler. You save yourself two work steps and still achieve closed-pore MDF surfaces also at edges and on mouldings with only one product and two applications. Available in all RAL, NCS and Sikkens colours within our colour mixing system OLI-CRYL Color MIX & FILL.

Properties

- VOC compliant
- in compliance with the EU Decopaint Directive
- 4-in-1 product (insulating material - filler - colour lacquer - finishing coat)
- good opacity
- quick drying
- extremely lightfast and colour stable
- high-build
- very good chemical and mechanical resistance

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

Advantages

- you work with only one product
- you save yourself two work steps in lacquering
- you save yourself up to two sanding steps
- you save precious work time
- you also reduce emission

Areas of application

Particularly suitable for coloured surface coatings of all common wood types and woodwork as well as MDF boards in the interior, such as hotel and restaurant interiors, kitchen and bathroom furniture or office, school and shop fittings.

- Where surfaces are subject to extremely intensive wear, we recommend the application of a top coat of OLI-CRYL 2c Multi-coat lacquer 25.50.

Ordering information

OLI-CRYL 2K Buntlack 40.50				
- two-component colour lacquer -				
Gloss level	silk matt	satin gloss		
Colour	RAL/NCS/Sikkens	RAL/NCS/Sikkens		
Container sizes	20/10/2,5 ltrs	20/10/2,5 ltrs		
OLI-CRYL Hardener	11.4	11.4		
Ordering code	621 627 04	621 627 04		
Container sizes	10/3/1/0,25 ltrs	10/3/1/0,25 ltrs		
Thinner	V 15	V 15		
Ordering code	919 667 01	919 667 01		

Labelling

For labelling details and safety instructions, please refer to our safety datasheet at www.oli-lacke.de.

Technical data

Pot life:	2 h
Shelf-life in factory sealed containers:	12 months
Thinner:	V 15
Curing agent:	11.4
Mixing ratio:	5 : 1
Air drying at +23°C/65% rh	
Dust dry:	1 h
Sandable:	over night
Stackable:	24 h



Application methods

	Cup spray gun	Airless /Airmix
Spray pressure (bar)	2,5 – 3,5	100 – 150
Nozzle size (mm)	1,5 – 2,0	0,23 – 0,28
Thinner (%)	approx. 25% or 20%	approx. 25% or 20%
Viscosity (4 mm cup)	18 or 23 sec	18 or 23 sec
Coverage per coat (g/sqm)	130	130

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.
- Set the supply viscosity for the priming of MDF-boards at DIN 4mm, 18 seconds. For the application of the finishing coat on MDF boards and for the coating of solid wood in general, set it at DIN 4mm, 23 seconds.
- Where surfaces are subject to extremely high wear, we recommend the application of a top coat "wet in wet" of OLI-CRYL 2c Multi-coat lacquer 25.50 after an evaporation time of 20-30 min.
- Since marginal colour variations cannot be entirely excluded, we recommend a test lacquering on the respective surfaces.
- The surface must be absolutely dry and free of dirt, oil, grease and sanding dust.
- EU limit for OLI-CRYL 2K Buntlack 40.50 (cat. A/j: 500 g/l)
- OLI-CRYL 2K Buntlack 40.50 max. = 499 g/l VOC

Application technology

Example	Canteen fittings, MDF moulded, RAL...	
1. Gradual sanding	Grit size 150-180	
2. Filling	OLI-CRYL 2K Buntlack 40.50 / RAL..., 130 g/sqm; - pre-spray edges and moulded parts -	
3. Drying at 23°C / 65% rel. humidity	Dust-dry	Sandable
	1 h	over night
4. Intermediate sanding	Grit size 280	
5. Colour lacquer	OLI-CRYL 2K Buntlack 40.50 RAL..., 130 g/sqm	
6. Drying at 23°C / 65% rel. humidity	Dust-dry	Stackable
	1 h	24 h

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.