



OLI-AQUA OBJEKT 2K Treppenlack 51.22

- two-component stair lacquer -

Product description

High-quality, extremely lightfast and high-build two-component, water- and PU-based lacquer for open- and closed-pore coatings of wooden stairs in public and business areas subject to extremely high wear as well as for other woodwork subject to intensive wear. The properties of the product outdo conventional systems by far in look, drying, as well as in abrasion and scratch resistance.

Properties

- eco-friendly and VOC compliant
- in compliance with the EU Decopaint Directive
- not combustible in liquid state
- PVC resistant*
- odourless
- very good bonding to vertical surfaces
- extremely rich in solids
- extremely lightfast
- high water repellence
- excellent chemical resistance
- excellent scratch and abrasion resistance

Test standards

- ÖNORM C 2354 T1 A, B, C
- DIN EN 71-3 (heavy metals)
- DIN 53160 (saliva and sweat proof)
- DIN 68861 T1 B, C (chemical resistance)
- DIN 68861 T4 (scratch resistance)
- DIN 51130 skid resistance R9 with 0,5% OLI fine structure powder and R10 with 3 % OLI coarse structure powder.
- hand cream resistant
- free of APEO
- free of formaldehyde
- free of aromatic compounds

* Due to the large variety of sealing materials, we recommend a preliminary test before application.

Areas of application

Particularly suitable for the surface coating of all common interior wood types and woodwork, such as wooden stairs, handrails and newels, as well as for the demanding coating of counters, kitchen, bathroom and school fittings, and as ring resistant top coat on pigmented surfaces.

Bestellhinweis

OLI-AQUA OBJEKT 2K Treppenlack 51.22			
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Gloss level	intense matt	semi matt	
Ordering code	420 939 08	420 928 09	
Container sizes	10 / 5 ltrs	10 / 5 ltrs	
OLI-AQUA Hardener	13.1	13.1	
Ordering code	420 917 18	420 917 18	

Labelling

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

Technical data

Application period after adding hardener:	3 h
Shelf-life in factory-sealed containers:	6 months
Thinner:	-
Curing agent:	13.1
Mixing ratio:	10 : 1
Air drying at +23°C/65% rh	
Dust-dry:	2 h
Sandable:	4-5 h
Stackable:	16 h

Application methods

	Cup spray gun	Airless / Airmix
Spray pressure (bar)	2,5 – 3,5	90 – 110
Nozzle size (mm)	1,8	0,23 – 0,28
Water addition (%)	ready to use	ready to use
Viscosity (4 mm cup)	ready to use	ready to use
Coverage per coat (g/sqm)	80 – 140	80 – 140



Annotations/Instructions for use

- Stir well before use!
- Mix OLI-AQUA OBJEKT 51.22 Stair lacquer immediately before use with OLI-AQUA Hardener 13.1 at a ratio of 10:1! Stir well!
- Seal the container well after use in order to prevent surface drying (skin formation). Skins that may have developed due to repeated material withdrawal have to be removed by filtration.
- Clean spray gun with water immediately after use. When changing from solvent-based systems to water-based lacquers, clean spraying equipment thoroughly with nitro-cellulose thinner and then rinse it well, first with spirit, then with water. When returning to solvent-based products, do the cleaning in reverse order.
- The surface must be absolutely dry and free of dirt, oil, grease and sanding dust.
- The product is frost-sensitive. Do not transport or store at temperatures below +5°C. Do not apply at temperatures below +15°C.
- EU limit for OBJEKT (cat. A/j): 140 g/l)
- OBJEKT max. = 55 g/l VOC

Application technology

Example	Stairs in a hotel, solid oak	
1. Gradual sanding	Grit size 80-120	
2. Priming	OLI-AQUA OBJEKT, approx. 80-100 g/sqm	
3. Drying at 23°C / 65% rel. humidity	Dust-dry	Sandable
	2 h	5 h
4. Intermediate sanding	Grit size 240	
5. Top coat	OLI-AQUA OBJEKT, approx. 140 g/sqm	
6. Drying at 23°C / 65% rel. humidity	Dust-dry	Stackable
	2 h	16 h

Tip

For areas subject to extreme wear, such as entrance areas of public buildings, we recommend the application of three lacquer coats of at least 100g/sqm each.

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.