



# OLI-AQUA OFFICE Treppenlack 18.23

## - Stair lacquer -

### Product description

Highly abrasion resistant, extremely high-build, thixotropic and lightfast, water- and PU acrylate-based one-component stair lacquer for the spray coating of wooden stairs in domestic and business areas subject to intensive mechanical wear. Tested and recommended by Treppenmeister GmbH, Jettingen.

### Properties

- eco-friendly and VOC compliant
- in compliance with the EU Decopaint Directive
- not combustible in liquid state
- PVC resistant\*
- odourless
- thixotropic
- excellent bonding to vertical surfaces
- very high-build
- lightfast
- brilliant look
- 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)
- DIN 68861 T4 (scratch resistance)
- DIN 51130 (skid resistance when recommended amount of OLI structure powder is added) (own certificate)
- hand cream resistant
- APEO-free
- 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 semi-industrial surface coating of all common interior wood types and woodwork, such as wooden stairs, handrails and newels.

Highly resinous and ingredient-rich woods, such as pine or tropical woods (Limba, Teak, Wengé) should be insulated with a two-component lacquer (e.g. MODU M or OBJEKT) before the coating with OFFICE. This applies to MDF edges and reliefs as well, in order to minimize wood swelling under conditions of high air humidity.

### Ordering information

OLI-AQUA OFFICE Treppenlack 18.23				
- Stair lacquer -				
Gloss level	silk matt	semi matt		
Ordering code	420 619 06	420 621 08		
Container sizes	30 / 10 ltrs	30 / 10 ltrs		

### 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

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

### Application methods

	Airless / Airmix	
Spray pressure (bar)	90	
Nozzle size (mm)	0,33 – 0,38	
Water addition (%)	up to 5%	
Viscosity (4 mm cup)	ready to use	
Coverage per coat (g/sqm)	80-140	



#### Annotations/Instructions for use

- Stir well before use! Seal the container well after use in order to prevent surface drying (skin formation).
- 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.
- When adding up to 5% water, you can repair small damages (by brush).
- EU limit for OFFICE (cat. A/i: 140 g/l)
- OFFICE max. = 79 g/l VOC

#### Application technology

<b>Example</b>	Stairs in an office building, solid maple, sm	
<b>1. Gradual sanding</b>	Grit size 80-120	
<b>2. Priming</b>	OLI-AQUA OFFICE, approx. 80-100 g/sqm	
<b>3. Drying at 23°C / 65% rel. humidity</b>	Dust-dry	Sandable
	1,5 h	2 h
<b>4. Intermediate sanding</b>	Grit size 240	
<b>5. Top coat</b>	OLI-AQUA OFFICE, approx. 140 g/sqm	
<b>6. Drying at 23°C / 65% rel. humidity</b>	Dust-dry	Stackable
	1,5 h	24 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.