



# OLI-AQUA ECO 1K Mehrschichtlack 18.27 **NEW**

## - one-component clear coat -

### Product description

Cost-efficient water-based acrylic lacquer with excellent block resistance and a pleasant colour-intensifying effect, for furniture surfaces subject to normal wear. ECO is perfectly suitable for open-pore and pore-sealed furniture coatings.

### Properties

- eco-friendly and VOC compliant
- in compliance with the EU Decopaint Directive
- not combustible in liquid state
- odourless
- quick drying
- high-build
- lightfast
- good chemical and mechanical resistance
- excellent block resistance / tack-free

### 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)
- APEO-free
- free of formaldehyde
- free of aromatic compounds

### Areas of application

Particularly suitable for the rational serial production and semi-industrial surface coating of all common interior wood types and woodwork, such as living room furniture, bedroom furniture, wall panellings, ceiling linings, shelves/racks and wooden mouldings.

Highly resinous or ingredient-rich woods such as pine or tropic woods (Limba, Teak, Wengé) should be insulated with a two-component lacquer (e.g. OLI-AQUA MODU M or OBJEKT) before being coated with ECO. This equally applies to edges and reliefs of MDF boards, in order to minimize their wood swelling under conditions of high air humidity.

### Ordering information

OLI-AQUA ECO 1K Mehrschichtlack 18.27 <b>NEW</b>				
- one component clear coat -				
Gloss level	silk matt			
Ordering code	420 938 01			
Container sizes	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:	40 min
Sandable:	1,5 h
Stackable:	16 h

### Application methods

	Cup spray gun	Airless/Airmix
Spray pressure (bar)	2,0 – 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 – 120	80 – 120



#### 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.
- EU limit for ECO (cat. A/e: 130 g/l)
- ECO max. = 75 g/l VOC

#### Application technology

<b>Example</b>	Furniture front, oak	
<b>1. Gradual sanding</b>	Grit sizes 120-150	
<b>2. Priming</b>	OLI-AQUA ECO, approx. 80 g/sqm	
<b>3. Drying at 23°C / 65% rel. humidity</b>	Dust-dry	Sandable
	40 min	1,5 h
<b>4. Intermediate sanding</b>	Grit size 240	
<b>5. Top coat</b>	OLI-AQUA ECO, approx. 120 g/sqm	
<b>6. Drying at 23°C / 65% rel. humidity</b>	Dust-dry	Stackable
	40 min	16 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.