

Legno-Aqua-Öl

7030

Water-based, ecological wood oil based on renewable raw materials for furniture and interior finishing for industrial and professional use.

## PRODUCT DESCRIPTION

Product numbers

7030000200

### General

Ecological wood oil based on selected renewable raw materials for furniture and interior finishing. The product can be used to achieve natural, matt surfaces with very low grain accentuation. The product is characterized by fast drying, a pleasant feel, natural appearance, low grain accentuation and good surface protection.  
Curing takes place by absorption of atmospheric oxygen (oxidative drying). The product is formulated without aromatic solvents and plasticizers.

### Special properties and standards



- **green-Label**  
ADLER green-Label products are objectively tested and certified according to three categories: Environment, Health & Safety, and Durability. Only products that score positively in all these areas are awarded the green sustainability label.
- **DIN 53160-1 and DIN 53160-2**  
Perspiration and saliva-proof properties
- **ÖNORM EN 71-3**  
Safety of toys; migration of certain elements (free of heavy metals)
- **Declared in baubook**  
Product has been declared and validated
- **Cradle to Cradle Certified™ Silver**  
Cradle to Cradle Certified® is the global standard for products that are safe, circular and responsibly made.
- **French ordinance DEVL1104875A**  
Marking of construction coating products for their emission of volatile pollutants: A+

### Application area



For lightly stressed/subordinate (one-component processing) and normally stressed (two-component processing) parts of the living area such as bedrooms and living rooms in furniture and interior design.

For the surface treatment of wall and ceiling elements.

## PROCESSING

### Processing instructions



- Please stir the product before use.
- The temperature of the product and object, and the room temperature must be at least +10 C.
- The optimal conditions for use are between 15 - 25 °C with a relative atmospheric humidity between 40 - 80 %.
- **Attention:** Care should be taken to sand the wood uniformly and to apply the product evenly!
- Legno-Aqua-Öl (7030) can be used in a one or two-component process.
- Do not close containers with hardened material.
- Any change in the processing sequence, environmental conditions, non-observance of instructions or the use of products not listed may have an unfavourable effect on the result.

### Blending ratio



100 Gew.-Teil(e) Legno-Aqua-Öl (7030)  
7 Gew.-Teil(e) Aqua-Hardener 8451 (8451000210)

Aqua-Hardener 8451 (8451000210) must be carefully worked into the coating components by stirring before processing. We recommend waiting approx. 10 minutes before starting work.

Legno-Aqua-Öl (7030) can only be used with a hardener and in the mixing ratio specified. Deviations lead to film and adhesion problems.

### Pot life



4 hour(s) at approx. 20 °C

Increased temperatures reduce the pot life. A further extension of the pot life is not possible.

### Application technique



	Cup gun	Brushing	Wiping	Roller coater
Spraying nozzle Ø (mm)	1,8	-		
Spraying pressure (bar)	2,5 - 3,5	-		
Yield per application (m <sup>2</sup> /l)	-	15 - 30	-	
Applied quantity per application (g/m <sup>2</sup> )	30 - 50	-	20 - 30	

The stated yield includes spray loss.

The product is ready to use.

The shape and surface condition of the workpiece as well as the type of application influence the actual consumption. Accurate values for consumption must be obtained by applying trial coats in advance.

### Drying times

(at 23 °C and 50 % rel. humidity)



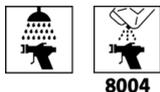
Dust-dry (ISO 1517)	approx. 30 minutes
Tack-free	approx. 3 hour(s)
Dried through	approx. 7 day(s)

The figures given above are reference values. The drying time depends on the type of substrate, coat thickness, temperature, air exchange and relative atmospheric humidity.

To ensure perfect drying, good room ventilation must be provided. Low ventilation, e.g. from dense stacking, delays drying.

Lower temperatures and/or high level of atmospheric humidity can increase the drying time.

### Cleaning the working equipment



8004

With water immediately after use.

To remove dried paint residues we recommend using Aqua-Cleaner (8004) (diluted 1:1 with water).

## SUBSTRATE

### Type of substrate

Hardwoods and softwoods

### Substrate property

The substrate must be dry, clean, capable of holding the paint, free from separating substances such as grease, wax, silicone, resin etc. and free from wood dust, as well as tested for suitability for coating.

### Substrate preparation

**Hardwoods:** Wood sanding Grit size 180 - 240

**Softwoods:** Wood sanding Grit size 150 - 220

## COATING SYSTEM

### Primer coat

1 x Legno-Aqua-Öl (7030)

On coarse-pored types of wood, such as oak or ash, we recommend spreading the oil shortly after application, first crosswise and then lengthwise to the direction of the wood fibre.

### Intermediate sanding



Slight smooth sanding: Grit size 280 – 360

It is possible to work with an appropriate abrasive fleece (e. g. Scotch-Brite from 3M).

Avoid sanding straight through!

Remove sanding dust.

### Finishing coat

1 x Legno-Aqua-Öl (7030)

## CLEANING AND MAINTENANCE

### Cleaning and Maintenance

Clean using a cloth dampened with water and mild household detergent or neutral cleaner. Abrasive detergents must not be used.

Cleaning must be carried out at the earliest 14 days after application of the oil/wax/hard wax oil.

Please follow our **ARL 250 - Care instructions for surfaces, treated with Legno-Aqua-Öl (7030)**.

## ORDERING INFORMATION

### Size of trading unit

750 ml, 2.5 ml, 22 l

### Supplementary products

Aqua-Cleaner (8004)

Aqua-Hardener 8451 (8451)

Please refer to the corresponding technical data sheets of the products.

## FURTHER DETAILS

### Durability / storage



Min. 1 year(s) in the original sealed containers.

Make sure the product is protected against moisture, direct sunlight, frost and high temperatures (above 30 °C).

### Safety information



The product is only suitable for the industrial and professional use.

Further information on the subject of safety during transport, storage and handling as well as disposal can be found in the relevant safety data sheet. The current version can be accessed on the Internet at [www.adler-lacke.com](http://www.adler-lacke.com).