

## ADLER Legno-Aqua-Öl

7030000200

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

### PRODUCT DESCRIPTION

#### General

Ecological wood oil based on renewable raw materials for furniture and interior finishing. The product can be used to achieve natural, matt surfaces with extremely low accentuation. Quick drying. Pleasant feel, natural look and low accentuation. Good surface protection. The product is formulated without any addition of solvents and plasticizers.

Hardening takes place by the absorption of oxygen in the air (oxidative drying).

#### Special properties and standards



- **DIN 53160-1 bzw. DIN 53160-2** Perspiration and saliva proof properties
- **ÖNORM EN 71-3** Safety of toys; migration of certain elements (free of heavy metals)
- Meets the criteria of **baubook “Ecological invitation to tender”**
- **Cradle to Cradle Certified™** Silver certified
- **French ordinance DEVL1104875A** regarding the marking of construction coating products for their emission of volatile pollutants: A+

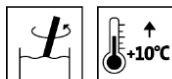
#### Application area



- For lightly stressed/subordinate (1K processing) and normally stressed (2K 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

#### Instructions for use



- 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!
- ADLER Legno-Aqua-Öl 7030000200 can be applied either 1 or 2-component, depending on the intended area of application.
- Do not close containers with hardened material.

**Blending ratio**

100 parts by weight ADLER Legno-Aqua-Öl 7030000200  
7 parts by weight of ADLER Aqua-PUR-Härter 82221

**ADLER Aqua-PUR-Härter must be carefully worked into the paint components by stirring before processing. We recommend observing a waiting time of approx. 10 min. before processing.**

**Pot life**

4 hours at approx. 20 °C

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

**Application technique**

Application method	Cup gun	Brushing, Wiping	Rolling
Application	2x		
Spraying nozzle (ø mm)	1.8		-
Spraying pressure (bar)	2.5 – 3.5		-
Quantity per application (g/m <sup>2</sup> )	30 - 50		20 - 30
Yield per application (m <sup>2</sup> /l)		15 - 30	-

The product is ready to use.

The shape, the properties and moisture of the substrate affect the consumption/yield.

**Drying times**

(at 23 °C and 50 % rel. humidity)



Dust-dry	after approx. 30 minutes
Tack-free	after approx. 3 hours
Dried through	after approx. 7 days

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**

With water immediately after use.

To remove dried paint residues we recommend using ADLER Aqua-Cleaner 80080 (diluted 1:1 with water).

<b>SUBSTRATE</b>	
<b>Type of substrate</b>	Hardwoods and softwoods:
<b>Substrate property (or condition)</b>	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.
<b>Preparation of the substrate</b>	<b>Hardwoods:</b> wood sanding with grit size 180 - 240 <b>Softwoods:</b> wood sanding with grit size 150 - 220
<b>COATING SYSTEM</b>	
<b>Primer coat</b>	1 x ADLER Legno-Aqua-Öl 7030000200  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.
<b>Intermediate sanding</b>	Slight smooth sanding: grit size 280 - 360  It is possible to work with an appropriate abrasive fleece (e. g. Scotch-Brite from 3M).  Avoid through sanding!  Remove wood dust.
	
<b>Finishing coat</b>	1 x ADLER Legno-Aqua-Öl 7030000200
<b>MAINTENANCE &amp; RENOVATION</b>	
<b>Maintenance and renovation</b>	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.  Please follow our <b>ARL 250 - Care instructions for surfaces, treated with ADLER Legno-Aqua-Öl.</b>
<b>ORDERING INFORMATION</b>	
<b>Size of trading unit</b>	750 ml, 2.5 ml, 22 l
<b>Supplementary products</b>	ADLER Aqua-Cleaner 80080
<b>OTHER INSTRUCTIONS</b>	
<b>Durability / storage</b>	12 months in the original sealed containers.  Make sure the product is protected against moisture, direct sunlight, frost and high temperatures (above 30 °C).
 	
<b>Safety-related information</b>	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 <b>www.adler-lacke.com</b> .  The product is only suitable for the industrial and professional use
