

Legno Aqua-Öl

7030

Water-based, eco-friendly wood oil made with **renewable raw materials**, for **furniture and interior finishing** in trade and industry

PRODUCT DESCRIPTION

Product numbers

7030000200

General

Eco-friendly wood oil made with selected renewable raw materials for furniture and interior finishing. This product allows you to create natural, matt surfaces with only very minimal grain accentuation. Stand-out features of the product include rapid drying, a pleasant feel, a natural look, only slight grain accentuation and good surface protection. Hardening is achieved by absorption of oxygen from the atmosphere (oxidative drying). The product has been formulated without any aromatic solvents or plasticisers.

Special properties and standards



- **ADLER green product**
ADLER green 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+

1-0 IMC 7030 | 05/25 | replaces 0-1

ADLER-Werk Lackfabrik, A-6130 Schwaz

Fon: +43/5242/6922-190, Fax: +43/5242/6922-309, Mail: technical-support@adler-lacke.com

Our instructions are based on the current state of knowledge and are intended to advise the buyer/user to the best of our knowledge, but must be individually adapted to the areas of application and processing conditions. The buyer/user is responsible for deciding on the suitability and use of the supplied product, which is why we recommend that a sample be produced to check the suitability of the product. In all other respects, our General Terms and Conditions of Sale apply. All previous data sheets lose their validity with this edition. We reserve the right to make changes to container sizes, color shades and available gloss levels.

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 Part(s) by weight Legno Aqua-Öl (7030)
7 Part(s) by weight Aqua-Hardener 8451 (8451000210)

Aqua-Hardener 8451 (8451000210) must be carefully worked into the product 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 (m²/l)	-	15 - 30		-
Applied quantity per application (g/m²)	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 minute
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



8029

With water immediately after use.

To remove dried paint residues we recommend using Aqua-Cleaner (8029) (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

It is advantageous to water the sanded wood and after drying smooth sanding with grain size 180 - 220; this step is absolutely necessary for solid oak.

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 l und 22 l

Supplementary products

Aqua-Cleaner 8029 (8029)
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**.