

# ADLER Legno-Hartwachsöl NV

50801 f

Ecological, universal **hard wax oil** for **industrial and professional use**

## PRODUCT DESCRIPTION

### General

Combination based on natural waxes and oils for the treatment of softwoods and hardwoods. Very good penetration capacity, excellent grain accentuation of the wood, very good filling power and water resistance, pleasant touch.

Hardening takes place by absorption of atmospheric oxygen (oxidative drying).

### Special properties and standards

- Anti-static
- **ÖNORM S 1555** and **DIN 53160** Perspiration and saliva-proof properties
- **ÖNORM EN 71-3** Safety of toys; Migration of certain elements (free of heavy metals)
- Meets the directives of the Austrian ecolabel UZ 06 and the RAL ecolabel 38 for furniture and other three-dimensionally construction elements
- **French ordinance DEVL1104875A** regarding the marking of construction coating products for their emissions of volatile pollutants: A+



### Components

Natural vegetable oils and waxes (linseed oil, sunflower oil, soybean oil, carnauba wax a candelilla wax), lead-free and cobalt-free siccatives, isoparaffins.

### Application area



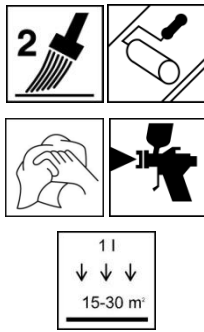
- For the coating of furniture and interior finishing exposed to normal levels of stress such as bedroom suite and living room furniture: application areas III to IV according to ÖNORM A 1610-12.
- Apply a maximum of one thin coat of this product to the inner surfaces of furniture and cabinets because of possible odours.

## PROCESSING

### Instruction for use



- Please stir the product before use.
- Do not apply if temperatures are below 5 °C or higher than 30 °C and/or relative humidity > 80%.
- Allow the applied wax to absorb for a few minutes and then remove the excess using a cotton cloth or gauze balls in the fibre direction.
- One coat is usually sufficient due to the high-solid!

**Application technique**

Application method	Cup gun	Brushing	Rolling	Wiping (or rubbing)
Spraying nozzle (ø mm)	1,5 - 1,7	-	-	-
Spraying pressure (bar)	approx. 2	-	-	-
Application quantity (g/m <sup>2</sup> )	approx. 30 – 50 per application	-	-	-
Yield per application (m <sup>2</sup> /l) <sup>1)</sup>	-	approx. 15 – 30 per application		

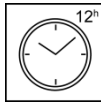
<sup>1)</sup> Yield including addition of thinner and loss while spraying

**The product is ready for use.**

The shape, the properties and moisture of the substrate affect the consumption / yield. Accurate values for consumption must be obtained by applying trial coats in advance.

**Drying times**

(at 23 °C and 50 % rel. humidity)



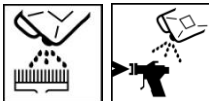
Subsequent coats	after approx. 12 hours
Through drying	after approx. 7 days

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.

Please ensure adequate ventilation! Lower air exchange rate, for example, by compact stacking, delays the drying process.

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

In case of wood species characterized by high extractive content (such as, for example, Oak, Iroko) there might be a drying delay.

**Cleaning the working equipment**

With ADLER Legno-Reiniger 80025.

**SUBSTRATE****Type of substrate**

Finely porous and coarsely porous hardwood, softwood

**Substrate property (or condition)**

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.

**Wood moisture**

Hardwoods: 12 % +/- 2 %  
Softwoods: 15 % +/- 2 %.

**Preparation of the substrate****Furniture**

Graduated wood sanding up to 180 - 240 grain size

**Wooden and parquet floorings**

Graduated wood sanding up to 100 - 150 grain size

**COATING SYSTEM****Primer coat**

If necessary 1 coat of ADLER Legno-Hartwachsöl NV 50801 f

Intermediate drying: approx. 12 hours

**Intermediate sanding**

Smooth sanding: grain size 280 – 360.

Remove the wood dust.

**Finishing coat**

1 coat of ADLER Legno-Hartwachsöl NV 50801 f

**CLEANING AND MAINTENANCE****Cleaning and maintenance**

**Cleaning** with water, CLEAN Möbelreiniger (furniture cleaner) 96490, CLEAN Parkettreiniger (parquet cleaner) 42198 or a mild household cleaner. Clean with ADLER Legno-Reiniger 80025 in case of greasy impurities. Cleaning should be done at the earliest 14 days after applying the oil.

For **touching up and preservation** apply 1 coat of ADLER Legno-Pflegeöl 50882 and remove the excess.

Please follow our working guidelines "**Instructions for the preservation of floors treated with ADLER Legno-Hartwachsöl**" as well as "**Instructions for the preservation of furniture treated with ADLER Legno-Hartwachsöl**".

Please observe the relative technical data sheets of the products.

**ORDERING INFORMATION****Size of trading unit**

5 l; 20 l

**Colour shades**

ADLER Legno-Hartwachsöl NV 50801 Farblos (colourless)

ADLER Legno-Hartwachsöl NV 50802 Weiß (white)

- It is recommended to prepare a trial colour sample on the original substrate using the coating system selected in order to assess the final appearance.

**Supplementary products**

ADLER Legno-Reiniger 80025

ADLER Legno-Pflegeöl 50882

CLEAN Möbelreiniger 96490

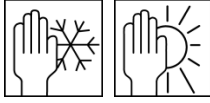
CLEAN Parkettreiniger 42198

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## FURTHER DETAILS

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### Durability / storage



At least 1 year in the original sealed containers.

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

We recommend that you transfer the contents of open containers to smaller ones in order to prevent gelling/skin formation.

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### Safety-related information



Please pay attention to the associated safety data sheet. The current version can be accessed on the Internet at **[www.adler-lacke.com](http://www.adler-lacke.com)**.

The product is only suitable for industrial and commercial processing.

When using cloth pieces, which have been immersed in oxidative drying products, there is the risk of self-ignition! Allow soaked cloth pieces to dry in a spread-out condition. Storage is necessary in closed metallic containers or under water.

Using the product in spraying booths, which are contaminated with nitrocellulose-containing spray dust, is prohibited owing to the risk of self-ignition

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