

ADLER Legno-Hartwachsöl

50821

Ecological, universal hard wax oil for DIY and professional use

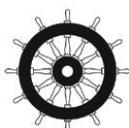
PRODUCT DESCRIPTION

General

Combination based on natural waxes and oils for the treatment of softwoods and hardwoods with high solids (>97%). Very good penetration capacity, excellent grain accentuation of the wood, very good filling power, very good water resistance and pleasant feel.

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

Special properties and standards



EC type approval certificate
116.411
US-Coast Guard Approval Nr.
164.112/EC0736/116.411

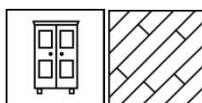


- Antistatic
- Highly non-combustible coating material for sea-going vessels (complying with SOLAS 74/88 Chapter II-2)
- **ÖNORM S 1555** or **DIN 53160** Perspiration and saliva-proof properties
- **ÖNORM EN 71-3** Safety of toys; migration of certain elements (free of heavy metals)
- Meets the directives of the Austrian ecolabel UZ 06 and the RAL ecolabel 38 for furniture and other three-dimensionally construction elements.
- **Meets the criteria of baubook "Ecological invitation to tender".**
- **French ordinance DEVL1104875A** regarding the marking of construction coating products for their emission of volatile pollutants: A+

Substances contained

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

Application areas



- For the coating of furniture and interior finishing exposed to normal levels of stress, such as bedroom and living room furnishings: application areas II – IV in accordance with ÖNORM A 1610-12. Furniture:
- Apply a maximum of one thin coat of this product to the inner surfaces of furniture and cabinets on account of possible odours.

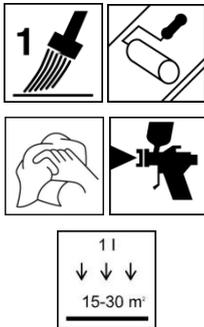
PROCESSING

Instructions 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%.
- Apply the product and leave a short time to take effect and then carefully wipe of the excess with a cotton cloth or pack of gauze in the direction of the fibre. The formation of a film must be avoided at all costs!
- One coat is usually sufficient due to the high-solid content!
- For internal vessel coating the application quantity is 2 x 12 gm/m².
- Regarding the oiling of interior fittings on ships do not use flame-retardant surface material on pipes, pipe covers and cables

Application technique



Application method	Cup gun	Brushing	Rolling	Wiping
Spraying nozzle (ø mm)	1.5 - 1.7	-	-	-
Spraying pressure (bar)	3 - 4	-	-	-
Application quantity (g/m ²)	approx. 30 - 50 per application;	-	-	-
Yield per application (m ² /l) ¹⁾	-	approx. 15 - 30 per application;		

¹⁾ Yield including addition of thinner and loss while spraying

The product is ready to 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 coating	after approx. 12 hours
Dried through	after approx. 7 days

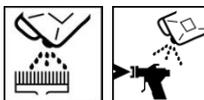
The figures given above are reference values. The drying time depends on the type of substrate, coat thickness, temperature, air exchange and relative atmospheric humidity.

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.

On types of woods rich in extracts (such as oak, iroko), the drying process may take longer.

Cleaning the working equipment



With ADLER Legno-Reiniger 80025.

SUBSTRATE	
Type of substrate	Fine pored and coarsely porous hardwoods, 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 until grit size 180 – 240 Wood- and parquet flooring: Graduated wood sanding until grit size 100 – 150
COATING SYSTEM	
Primer coat	If necessary one coat of ADLER Legno-Hartwachsöl Intermediate drying: approx. 12 hours
Intermediate sanding	Slight smooth sanding: Grit size 280 – 360 Remove the wood dust.
	
Final coat	1x ADLER Legno-Hartwachsöl 50821
CLEANING & MAINTENANCE	
Cleaning & Maintenance	Cleaning with water, ADLER Clean-Möbelreiniger (furniture cleaner) 96490, ADLER Clean-Parkettreiniger (parquet cleaner) 42198 or a mild household cleaner. Clean with ADLER Legno-Reiniger 80025 in case of greasy impurities. Cleaning must be carried out at the earliest 14 days after application of the oil/wax. For retouching work and maintenance apply 1 coat of ADLER Legno-Pflegeöl 50882 and remove the excess. Please observe our working guidelines " Maintenance manual for furniture treated with ADLER Legno-Hartwachsöl ", " Maintenance manual for floors treated with ADLER Legno-Hartwachsöl ". Please observe the relative technical data sheets of the products.
ORDERING INFORMATION	
Size of trading unit	750 ml; 2.5 l
Colour / degree of gloss	ADLER Legno-Hartwachsöl 50821 <ul style="list-style-type: none"> It is recommended to prepare a trial colour sample on the original substrate using the coating system selected in order to assess the final colour shade.
Supplementary products	ADLER Legno-Reiniger 80025 ADLER Legno-Pflegeöl 50882 ADLER Clean Möbelreiniger 96490 ADLER Clean-Parkettreiniger 42198

FURTHER DETAILS

Durability / Storage

At least 3 years in the original sealed containers.

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

GISCODE

Ö20

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**.

When using cloths that have been soaked with oxidative drying products, there is a risk of spontaneous combustion! Spread soaked cloths out and let them dry; it is necessary to store them in sealed metal 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
