

Legno Walzöl

7005

Natural oil/wax combination for **furniture and interior finishing**, for use in **industry and trade**

PRODUCT DESCRIPTION

General

Oil/wax combination made from natural raw materials for the industrial surface treatment of hard and softwoods. For natural, oiled surfaces. Outstanding penetration capacity, very good accentuation of the wood grain, very good filling performance, very good surface smoothness. Antistatic. Hardening is achieved by absorption of oxygen from the atmosphere (oxidative drying).

Special properties and standards



- **DIN 53160-1 and DIN 53160-2**
Perspiration and saliva-proof properties



- **Food-compatible coating**
The product can be used for coatings of wooden objects that temporarily come in contact with foodstuffs, according to confirmation of OFI Technologie & Innovation GmbH.



- **ÖNORM EN 71-3**
Safety of toys; migration of certain elements (free of heavy metals)



- **French ordinance DEVL1104875A**
Marking of construction coating products for their emission of volatile pollutants: A+

Application area

For the surface treatment of furniture and interior finishing surfaces that are subject to a normal level of wear, e.g. bedroom and living room fittings.



PROCESSING

Processing instructions



- Please stir the product before use.
- The product is ready to 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 20 - 25 °C with a relative atmospheric humidity between 40 - 60 %.

- Roller application: For an equal distribution refinish with a levelling brush after about a minute.
- Spray application: 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!
- **Attention:** Care should be taken to sand the wood uniformly and to apply the product evenly!
- **Important:** With hardwoods and tropical woods that are rich in active substances, we strongly recommend doing a test treatment with Legno Walzöl (7005) before proceeding.
- 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.
- Please read and take note of our working guidelines **ARL 013 – Safety measures required for the use of oils and waxes that dry by oxidation** and **ARL 160 – Working guidelines for oils and waxes**.

Application technique



	Airless air-supported (Airmix®, Aircoat, etc.)	Cup gun	Roller coater
Spraying nozzle Ø (mm)	0,23 - 0,28	1,5 - 1,8	-
Spraying pressure (bar)	100 - 120	2 - 3	-
Vaporizer Air (bar)	1 - 2	-	
Yield per application (m²/l)	40 - 80		
Applied quantity per application (g/m²)	20		12 - 15

The stated yield includes spray loss.

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)



Can be handled, stacked and polished	12 hour(s)
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The figures given above are reference values. Drying depends on the substrate, layer thickness, temperature, air exchange, relative humidity, stacking pressure and stacking conditions.

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), drying may be delayed.

Cleaning the working equipment





7003



7231

With Legno-Reiniger (7003) or Adlerol-Terpentinölersatz (7231) immediately after use.

SUBSTRATE	
Type of substrate	Hard and softwood (solid wood)
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	Sand the wood in stages up to Grit size 280
PROCESSING STEPS	
Product application	<p>1 x Legno Walzöl (7005)</p> <p>The surface can be polished after drying overnight or within 5 days with a suitable polishing roller (leather, sisal, non-woven fleece, horse hair).</p> <p>Important: Before polishing, the oiled surface must be dry, otherwise the polishing roller may get clogged and become unusable.</p> <p>For fronts and table tops we recommend that, after application of Legno Walzöl (7005) and drying overnight at room temperature, the surface should be sanded with a sanding pad of grit size 1000 and, after removal of the sanding dust, it should be treated with Legno Hartwachsöl NV (7025).</p>
CLEANING AND MAINTENANCE	
Cleaning	<p>Clean with water, Clean-Möbelreiniger (7202) or a mild household detergent. Use Legno Reiniger (7003) for greasy stains.</p> <p>Cleaning must be carried out at the earliest 14 days after application of the oil/wax/hard wax oil.</p> <p>Abrasive cleaning agents should not be used.</p>
Maintenance	For freshening up and after-care , apply 1 x Legno Pflegeöl (7009) and wipe away the excess.
ORDERING INFORMATION	
Size of trading unit	5 l, 22 l
Colour shades / Glosslevels	<p>Legno Walzöl Farblo (7005000200)</p> <p>The final colour achieved is very dependant on the inherent colour of the wood and the quantity of the product that is applied.</p>
Supplementary products	<p>Adlerol-Terpentinölersatz (7231)</p> <p>Clean-Möbelreiniger (7202)</p> <p>Legno Hartwachsöl NV (7025)</p> <p>Legno Pflegeöl (7009)</p> <p>Legno Reiniger (7003)</p> <p>Please refer to the corresponding technical data sheets of the products.</p>
FURTHER DETAILS	
Durability / storage  	<p>Min. 1 year(s) in the original sealed containers.</p> <p>Make sure the product is protected against moisture, direct sunlight, frost and high temperatures (above 30 °C).</p>

Safety information



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

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.

When sanding, use at least a P2 dust filter as personal safety equipment to protect against abrasive and wood dust. In case of hardwood (especially for Beech, Oak) a dust filter P3 is recommended.

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

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**.
