

Legno Dura-Öl

7035

Matt, universal oil for furniture and interior finishing for professional and industrial use

PRODUCT DESCRIPTION

General

Matt, rapid-drying oil for the universal surface treatment of hardwoods and softwoods with minimal film formation. The natural appearance and feel of the wood are retained. The product is characterised by very good penetration, low grain enhancement, very good filling power, excellent water and chemical resistance as well as very good flow. Antistatic. Curing occurs by absorption of atmospheric oxygen (oxidative drying).

Special properties and standards



- **DIN 68861 (Furniture surfaces)**
Confirmed by an external test certificate.
Part 1: Response to chemical stress: 1 B
- **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)
- **French ordinance DEVL1104875A**
Marking of construction coating products for their emission of volatile pollutants: A+

Application area



2K



2K

As a single-component product: For the surface treatment of furniture and interior finishing surfaces that are subject to normal or heavy wear, e.g. bedroom and living room fittings.

As a two-component product: Also well-suited to the surface treatment of stairs and wooden floors.

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 %.
- **Attention:** Care should be taken to sand the wood uniformly and to apply the product evenly!

- Apply a maximum of one thin coat of this product to the inner surfaces of furniture and cabinets on account of possible odours.
- **Important:** With hardwoods and tropical woods that are rich in active substances, we strongly recommend doing a test treatment with Legno Dura-Öl (7035) before proceeding.
- When treating **floors** and **stairs**, it is essential that the product **is used in its two-component form**. To achieve optimal results, the **intermediate drying time** between primer and top treatment should be **less than 24 hours**.
- 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**.

Blending ratio



Legno Dura-Öl (7035) can optionally also be used with hardener and in the mixing ratios listed.

10 Part(s) by weight Legno Dura-Öl (7035)
1 Part(s) by weight Legno Hardener (7084000210)

Legno Hardener (7084000210) must be carefully worked into the product by stirring before processing.

Pot life



3 hour(s)

Increased temperatures reduce the pot life.

A further extension of the pot life is not possible.

Please only prepare as much material as can be used within the pot life.

Application technique



	Cup gun	Brushing	Rolling
Spraying nozzle Ø (mm)	1,5	-	
Spraying pressure (bar)	2 - 3	-	
Yield per application (m²/l)	20		
Applied quantity per application (g/m²)	40	-	

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)



Follow-up treatment	5 hour(s)
Thoroughly dried	7 day(s)

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-Verdünner (7231) immediately after use.

SUBSTRATE

Type of substrate

Fine-pored and coarse-pored 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.

Wood moisture

Hardwoods: $12 \pm 2 \%$

Softwoods: $15 \pm 2 \%$

Substrate preparation



Sand the wood in stages up to Grit size 180
Remove sanding dust.

PROCESSING STEPS

Basic treatment

1 x Legno Dura-Öl (7035)

Intermediate sanding



Slight smooth sanding: Grit size 220 – 280
Remove sanding dust.

Final treatment

1 x Legno Dura-Öl (7035)

CLEANING AND MAINTENANCE

Cleaning and Maintenance

Please read and comply with our **ARL 258 – Care instructions for furniture treated with ADLER Legno-Dura-Öl** and **ARL 257 – Care instructions for floors treated with ADLER Legno-Dura-Öl**.

ORDERING INFORMATION

Size of trading unit

0.75 l, 2.5 l, 10 l

Colour shades

Legno Dura-Öl Farblos (7035000200)

The final colour achieved is very dependant on the inherent colour of the wood and the quantity of the product that is applied.

Supplementary products

Adlerol-Verdünner 7231 (7231)

Legno Hardener (7084)

Legno Reiniger (7003)

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).

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

Close opened containers well and use up the content as soon as possible.

Giscode

Ö60

Declaration of ingredients according to VdL-RL 01

alkyd resins / aliphatic compounds / interface additives / wetting agent / rheology additives / drying agents (siccatives) / anti-skin agent

Safety information



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

The inhalation of paint aerosols during spray application must generally be avoided. This is ensured by the proper use of a respirator (combination filter A2/P2).

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!

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.