

## Legno Dura-Öl

7035

Matt, universal oil for furniture and interior finishing, for use in trade and industry

### PRODUCT DESCRIPTION

#### General

Matt, fast-drying oil for the universal surface treatment of hard and softwoods with minimal film formation. The natural look and feel of the wood is retained. Stand-out features of this product include very good penetration capacity, only slight accentuation of the wood grain, very good filling performance, outstanding resistance to water and chemicals and very good flow properties. Antistatic. Hardening is achieved through the uptake of oxygen in the air (oxidative drying).

#### Special properties and standards



- 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.

#### Substances contained

Modified vegetable oils, waxes, silicic acid, mild-odour solvents, lead-free and cobalt-free drying agents.

### 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.

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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.

- 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**. Do not allow the primer to dry for more than 24 hours before applying the finishing coat.
- 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.

### 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 h
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-Terpentinölersatz (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-Terpentinölersatz (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

### 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](http://www.adler-lacke.com)**.