

## Legno-Öl IQ

7033

Matt oil for furniture and interior finishing, dries by oxidation, for use in **industry**

### PRODUCT DESCRIPTION

#### General

Fast-drying, matt oil for spray or roller application, for the industrial surface treatment of hard and softwoods. Long open time, reduced drying on production lines. Stand-out features of this product include very good penetration capacity, good accentuation of the wood grain, a pleasant feel, excellent filling performance and very good resistance to water. Antistatic. Hardening is achieved by absorption of oxygen from the atmosphere (oxidative drying).

#### Special properties and standards

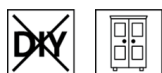


- **DIN 53160-1 and DIN 53160-2**  
Perspiration and saliva-proof properties



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

#### Application area



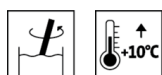
For the industrial surface treatment of large, flat components in furniture and interior finishing.

#### Substances contained

Modified vegetable oils, waxes, matting agents, solvents that are free from aromatic hydrocarbons, lead-free and cobalt-free drying agents.

### PROCESSING

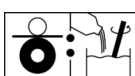
#### Processing instructions



- 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.
- The optimal conditions for use are between 20 -25 °C with a relative atmospheric humidity between 40 - 60 %.
- To delay the drying process, you can add up to 10% Legno-Reiniger (7003).
- **Attention:** Care should be taken to sand the wood uniformly and to apply the product evenly!

- Apply Legno-Öl IQ 7033 with a cup gun and then distribute with a brush, paintbrush or cotton cloth.
- Attention! Use a rubber roller coating that is absolutely resistant to petrol (e.g.: PU rubber coating)
- **Important:** With hardwoods and tropical woods that are rich in active substances, we strongly recommend doing a test treatment with Legno-Öl IQ (7033) 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



0-10% 7231

	Cup gun	Roller coater
Spraying nozzle Ø (mm)	1,5 - 1,7	-
Spraying pressure (bar)	2 - 3	-
Diluent	Adlerol - Terpentinölersatz (7231)	
Diluent amount added (%)	0 - 20	0 - 10
Applied quantity per application (g/m²)	20 - 40	6 - 12

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)



Dust-dry (ISO 1517)	1 hour(s)
Follow-up coat	2 - 4 hour(s)
Can be handled and stacked	3 - 5 hour(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.

<b>Wood moisture</b>	<b>Hardwoods:</b> $12 \pm 2 \%$ <b>Softwoods:</b> $15 \pm 2 \%$
<b>Substrate preparation</b> 	Sand the wood in stages up to Grit size 220 Remove sanding dust.
<b>PROCESSING STEPS</b>	
<b>Basic treatment</b>	1 x Legno-Öl IQ (7033)
<b>Intermediate sanding</b> 	(optional) Slight smooth sanding: Grit size 220 – 320 Remove sanding dust. Sanding straight through must be avoided, as this may lead to differences in the grain accentuation, which are further increased by yellowing with aging.
<b>Final treatment</b>	1 x Legno-Öl IQ (7033)
<b>CLEANING AND MAINTENANCE</b>	
<b>Cleaning</b>	Cleaning should be done with Clean-Möbelreiniger (7202) or with a cloth that has been moistened with washing-up water and mild household detergent or a neutral cleaning agent. Use Legno-Reiniger (7003) for greasy stains. Abrasive cleaning agents should not be used.
<b>Maintenance</b>	For <b>freshening up and after-care</b> , apply 1 x Legno-Pflegeöl (7009) and wipe away the excess.
<b>ORDERING INFORMATION</b>	
<b>Size of trading unit</b>	20 l, 22 l
<b>Colour shades</b>	Legno-Öl IQ Farblös (7033000200) Legno-Öl IQ Eiche Hell (7033068364) Legno-Öl IQ Rustico (7033068365) Legno-Öl IQ Natureffekt (7033077541) Legno-Öl IQ Weiß (7033077542) The final colour achieved is very dependant on the inherent colour of the wood and the quantity of the product that is applied.
<b>Supplementary products</b>	Adlerol-Terpentinölersatz (7231) Clean-Möbelreiniger (7202) Legno-Pflegeöl (7009) 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.

### 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).