

Innolux Vita-Oil Multi

2791

UV multilayer oil for the industrial coating of **furniture and parquet**

PRODUCT DESCRIPTION

General

Reactive UV multilayer oil, proportionally based on renewable raw materials; suitable as primer and top coat; preserves the natural, matt wood character. Very good grain accentuation and pore wetting; good chemical and mechanical resistance.

Special properties and standards

- **ÖNORM A 1605-12** (furniture surfaces)
Resistance to chemical reactions: 1-B
- **DIN 68861** (furniture surfaces)
Part 1: Response to chemical stress: 1 B
- **ÖNORM EN 71-3** Safety of toys; migration of certain elements (free of heavy metals)
- **French ordinance DEVL1104875A** regarding the marking of construction coating products for their emission of volatile pollutants: A+



Application areas



- For the large-scale industrial coating of ready-made parquet elements.
- "Paint on paint" system for the coating of furniture surfaces.
- For open-pored coatings of surfaces in furniture and interior finishing, if the natural appearance of the respective wood type is to be preserved.

PROCESSING

Instructions for use



- Please stir the product before use.
- The temperature of the product and object, and the room temperature must be at least +15 °C.
- Please observe our "**Working guidelines for UV roller coating systems**".

Application technique

Application method	Rolling
Roller type	Roller coater with reversible dosing roller
Viscosity (s) 6-mm-cup, 20 °C	35 ± 5
Application quantity (g/m ²)	Primer application: approx. 15 – 25 Topcoat application: 1 x 5 - 7 max. 35

The shape and properties of the substrate affect the consumption/yield. Accurate values for consumption must be obtained by applying trial coats in advance.

Drying conditions

Immediate **UV-curing** without flashing off previously: Reference values:

	Feed	
	Intermediate gelling	Curing
Hg radiator 80 W/cm	10 – 14 m/min	5 – 7 m/min
Hg radiator 120 W/cm	12 – 16 m/min	7 – 10 m/min

Cleaning the working equipment

ADLER Waschverdünnung 80072.

SUBSTRATE**Type of substrate**

Porous hardwoods (solid wood or veneer materials)

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.

Preparation of the substrate

Calibration grinding

Wood sanding with grit size 180 - 240 or brushing

COATING SYSTEM**Primer**

1 x 15 - 25 g/m² Innolux Vita-Oil Multi 2791

Abrasive fleece, abrasive pad or levelling brush

Curing with Hg lamp 2 x 120 W/cm

Intermediate sanding

Smooth sanding with grit size 360 - 500

Avoid sanding straight through!

Topcoat

1 x 5 - 7 g/m² Innolux Vita-Oil Multi 2791

Curing with Hg lamp 2 x 120 W/cm

CLEANING AND MAINTENANCE

Cleaning and maintenance	<p>Cleaning with ADLER Clean Möbelreiniger 96490. Maintenance with ADLER Legno-Pflegeöl 50882</p> <p>Please observe the relative technical data sheets of the products.</p>
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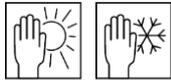
ORDERING INFORMATION

Size of trading unit	10 kg; 20 kg
Colour shades / degrees of gloss	<p>Farblos 2791000107</p> <p>Colour shades can be mixed with ADLER Solva-Mix tinting pastes. Therefore please contact your sales representative.</p> <p>In order to ensure uniformity of the colour shade, use only material having the same batch number on a given surface.</p> <p>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.</p> <p>The final colour shade is basically obtained from the inherent colour of the wood, the applied quantity, the colour shade of the stain and the colour shade of the coating.</p>

Supplementary products	<p>ADLER Waschverdünnung 80072</p> <p>ADLER Clean Möbelreiniger 96490</p> <p>ADLER Legno-Pflegeöl 50882</p>
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FURTHER DETAILS

Durability / storage	<p>At least 6 months in the original sealed containers.</p> <p>Protect paint material from light.</p>
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Technical specifications	<table> <tr> <td>Delivery viscosity</td> <td>35 ± 5 s in accordance with DIN 53211 (6-mm-cup, 20°C)</td> </tr> </table>	Delivery viscosity	35 ± 5 s in accordance with DIN 53211 (6-mm-cup, 20°C)
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Safety-related information	<p>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.</p>
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The product is only suitable for industrial use.