

## Innolux Walzgrund

2731

UV roller primer for industrial coating of **furniture and interior finishing**

### PRODUCT DESCRIPTION

#### General

Highly reactive UV-roller primer for water-based, UV-curing pigment varnishes; excellent filling, good grindability, very good permanent elasticity, good insulating effect for MDF panels.

#### Special properties and standards



- **ÖNORM A 3800-1** (fire behavior) in conjunction with a flame-retardant substrate:  
flame-retardant (formerly B 1 acc. to B 3800 -1), Q1, Tr 1
- **French ordinance DEVL1104875A** regarding the marking of construction coating products for their emission of volatile pollutants: A+

#### Application areas



- For the coating of furniture and interior finishing exposed to high levels of stress, such as tabletops and shelves in the kitchen and living area, bathrooms, offices and in the contract sector, fronts and permanently visible areas, surfaces used on seating furniture and not permanently visible areas. Application areas II – IV in accordance with ÖNORM A 1610-12.
- Application in combination with a suitable topcoat system.
- Highly non-flammable or flame-retardant structures.

### 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.
- Protect the product from light and sunlight!
- For an optimal surface quality, it is beneficial to apply the primer in 2-3 and the topcoat in 2 roller coating steps. Intermediate gelling is recommended if applying more than one coat with a roller.
- Please observe our **“Working guidelines for UV roller paints”**.

10-18 (supersedes 10-17) ZKL 2731

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Our instructions for use are based on knowledge available currently and shall guide the buyer/user to the best of one's knowledge, but, however, must be clarified for the areas of application and processing conditions on a case-to-case basis. The buyer/user takes responsibility for the suitability and use of the delivered product. It is therefore recommended to produce a sample specimen for testing the suitability of the product. Our general terms and conditions of sale are otherwise applicable. All previous data sheets are rendered invalid with the issue of this one. Rights reserved for the modification of the container sizes, colour shades and degrees of gloss available.

**Application technique**

0-5%

Application method	Rolling
Roller type	Roller coater with reverse dosing roller, possibly with grooved roller
Viscosity (s) 6 mm cup, 20°C	50 ± 10 s
Application quantity (g/m <sup>2</sup> )	approx. 20 - 30 per application; Total application quantity primer: max. 90 g/m <sup>2</sup>

The product is ready to use.

The shape, the properties and moisture 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:

	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**

With ADLER Waschverdünnung 80072.

**SUBSTRATE****Type of substrate**

Hardwood and softwood (solid wood, veneered-, (laminated) plywood-, wood fiber materials).

**Substrate property (or condition)**

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 sanding

**Hardwoods:** wood sanding with grit size 150 - 180

**Softwoods:** wood sanding with grit size 120 - 150

**MDF boards:** cleaning grind with grit size 180 - 220

**COATING SYSTEM****Primer coat**

50 - 60 g/m<sup>2</sup> Innolux Walzgrund 2731000200, depending on the required body

**Example:**

1 x 25 - 30 g/m<sup>2</sup>

Intermediate gelling with 1 Hg radiator 80 W/cm, feed rate 10 m/min

1 x 25 g/m<sup>2</sup>

Curing with 2 Hg radiator 80 W/cm, feed rate 10 m/min

**Intermediate sanding**

Grit size 320 - 400

Intermediate sanding must be carried out immediately before the top coat is applied in order to ensure good intermediate adhesion. Avoid sanding straight through!

**Topcoat**

1 x Innolux Floor Decklack 2766 in the desired degree of gloss

or

1 x 120 g/m<sup>3</sup> ADLER Pigmolux DC 29301 ff in the desired colour shade

Please observe the relative technical data sheets of the products.

**CLEANING & CARE****Cleaning & Care**

Clean with ADLER Clean Möbelreiniger (furniture cleaner) 96490. Preservation with ADLER Clean-Möbelpflege Plus 7222000210.

Please observe the relative technical data sheets of the products.

**ORDERING INFORMATION****Size of trading unit**

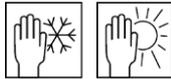
25 kg

**Delivery qualities**

Innolux Walzgrund 2731000200

**Supplementary products**

ADLER UV-AC-Walzlackverdünnung 80075  
 ADLER Waschverdünnung 80072  
 ADLER Clean Möbelreiniger 96490  
 ADLER Clean-Möbelpflege Plus 7222000210

**FURTHER DETAILS****Durability/storage**

At least 9 months in the original sealed containers.

Make sure the product is protected against moisture, direct sunlight, frost and high temperatures (above 30 °C).

**Technical specifications**

Delivery viscosity	50 ± 5 s according to DIN 53211 (6-mm cup, 20°C)
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**Safety-related information**

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**.

The product is only suitable for industrial use.