

Innolux Walzgrund

2736000200

Highly reactive UV-Walzgrund for **industrial use**

PRODUCT DESCRIPTION

General

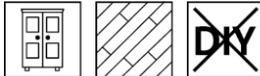
Highly reactive UV-curing roller primer with excellent filling power, excellent permanent elasticity and very high mechanical resistance.

Special properties and standards



- **ÖNORM EN 71-3** Safety of toys; migration of certain elements (free of heavy metals)
- **DIN 53160/1 and 63160/2** Perspiration and saliva-proof properties
- **French ordinance DEVL1104875A** regarding the marking of construction coating products for their emission of volatile pollutants: A+

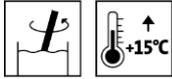
Application areas



- 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.
- For the large-scale industrial coating of ready-made parquet elements and floorboards.
- Application in combination with a suitable topcoat system.

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.
- A dry film thickness of 40 - 45 µm is recommended for moderately stressed floor board sealings (load class A according to ÖNORM C 2354). This layer thickness is achieved with the proposed application quantities.
- We recommend a minimum dry film thickness of 60 µm for highly stressed floor board sealings (load class B according to ÖNORM C 2354) and a minimum dry film thickness of 80 µm for particularly highly stressed coatings (load class C according to ÖNORM C 2354).
- Please follow our "**Working guidelines for UV roller coatings**".

Application technique



Application method	Rolling
Roller type	Roller coater with reversible dosing roller
Viscosity (s) 6 mm cup, 20°C	90 ± 10
Application quantity (g/m²)	Total application amount max 450 Furniture elements: 25 - 50 g/m² Floorboards, parquet: 50 - 90 g/m² depending on the required body

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 - 129 W/cm	10 – 14 m/min	5 – 7 m/min

Avoid direct sunlight (very quick drying).

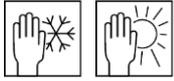
Cleaning the working equipment



With ADLER Waschverdünnung 80072.

SUBSTRATE	
Type of substrate	Hard and softwood (solid wood)
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	<p>Calibration sanding</p> <p>Hardwoods: Wood sanding with grit size 150 - 180 Softwoods: Wood sanding with grit size 120 - 150</p> <p>For heavily stressed surfaces such as floors (coin test), the sanded wooden substrate can be primed with 12 - 15 g/m² ADLER Aqualux-Haftgrund 29010.</p> <p>Filling of wooden joints: ADLER UV-AC-Walspachtel 28014 ff in the matching wood shade</p> <p>Please observe the relative technical data sheets of the products.</p>
COATING SYSTEM	
Primer coat	<p>1 x Innolux Walzgrund 2736000200</p> <p>For an optimal surface quality, it is beneficial to apply the primer with 3 roller painting units connected in series, whereby intermediate gelling takes place after the 1st and 2nd application and curing takes place after the 3rd application.</p>
Intermediate sanding 	<p>Furniture elements: Grit size 320 – 400 and Scotch-Brite-Roll</p> <p>Floorboards, parquet: Grit size 280 – 320 and Scotch-Brite-Roll</p> <p>Avoid sanding straight through!</p>
Topcoat	<p>Furniture elements: Innolux Decklack 2760000105 ff</p> <p>Floorboards, parquet: Innolux Floor Decklack 276200018 ff each in the desired gloss level</p> <p>Please observe the relative technical data sheets of the products.</p>
ORDERING INFORMATION	
Size of trading unit	25 kg
Supplementary products	<p>ADLER Aqualux-Haftgrund 29010 ADLER UV-AC-Walspachtel 28014 ff ADLER UV-AC-Walzlackverdünnung 80075 Innolux Decklack 2760000105 ff Innolux Floor Decklack 276200018 ff</p>

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 120 ± 10 s in accordance with DIN 53211 (6-mm cup, 20 °C)

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.
