

Innolux Walzgrund S

2731

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

PRODUCT DESCRIPTION

General

Highly reactive UV roller primer as a primer coat for water-based, UV-curing pigment coatings; excellent filling power, good sandability, very good permanent elasticity and a good isolating effect for MDF boards.

Special properties and standards

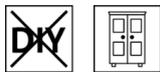


- **ÖNORM A 3800-1 (fire behaviour)**
In conjunction with a flame-retardant substrate: flame-retardant, Q1, Tr 1



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

Application area



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 to IV in accordance with ÖNORM A 1610-12.

Application in combination with a suitable topcoat system.

For hardly inflammable or flame-retardant coating systems.

PROCESSING

Processing instructions



- Please stir the product before use.
- The temperature of the product and object, and the room temperature must be at least + 15 °C.
- For an optimal surface quality, it is beneficial to apply the coating in 2-3 and the topcoat in 2 roller coating steps.
- 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 observe our **ARL 210 - Working guidelines for Innolux coating systems**.

Application technique



	Roller coater
Viscosity 6-mm-cup (s)	50 ± 10

Applied quantity per application (g/m ²)	20 - 30
Total quantity applied (g/m ²)	max. 90

The product is ready to use.

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.

UV curing



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

Avoid direct sunlight!

Cleaning the working equipment



8501

To remove dried paint residues we recommend using Waschverdünner (8501).

SUBSTRATE

Type of substrate

MDF boards, hard and softwoods (solid wood, veneer, (coated) chipboard and wood-fibre 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.

Substrate preparation

Calibration sanding

Hardwoods: Grit size 150 - 180

Softwoods: Grit size 120 - 150

MDF panels:

Cleaning/smoothing sanding grit size 180 - 220

COATING SYSTEM

Primer coat

1 x Innolux Walzgrund S (2731)

depending on the desired substrate and body

For optimal surface quality, it is a good idea to apply the primer with two roller coating units connected in series, with partial gelling after the 1st application, and full curing after the 2nd application.

Intermediate sanding



Grit size 320 – 400 and Scotch-Brite-Roll

Intermediate sanding must be carried out immediately before the subsequent coating is applied in order to ensure good intermediate adhesion!

Avoid sanding straight through!

Remove sanding dust.

Topcoat

With a suitable UV topcoat for roller application such as Innolux Floor Decklack (2766)

or

Pigmolux DC or Pigmolux HQ in a range of qualities and in your desired colour.

ORDERING INFORMATION

Size of trading unit

25 kg

Colour shades / Glosslevels

Innolux Walzgrund S Farblos (2731000200)

Supplementary products

Washverdünner 8501 (8501)
Innolux Floor Decklack (2766)

Please refer to the corresponding technical data sheets of the products.

FURTHER DETAILS

Durability / storage



Min. 9 month(s) in the original sealed containers.

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

Close opened containers well and use up the content as soon as possible.

Technical specifications

Delivery viscosity: 48 – 52 seconds according to DIN 53211
(6 mm measuring cup, 20 °C)

Safety information



The product is only suitable for industrial use.

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.