

Technical data sheet

Innolux Walzgrund GF

2733

Highly reactive UV roller primer for industrial coating in furniture and interior finishing

PRODUCT DESCRIPTION

General

Highly reactive UV roller primer with excellent filling power, very good permanent elasticity, very high mechanical resistance and low yellowing.

Special properties and standards



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



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



- **ÖNORM EN 71-3**
Safety of toys; migration of certain elements (free of heavy metals)



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

Application area



For the large-scale industrial coating of ready-made parquet elements and floorboards.

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.
- Please observe our **ARL 210 - Working guidelines for Innolux coating systems**.

Application technique

	Roller coater
Viscosity 6-mm-cup (s)	90 - 110
Applied quantity per application (g/m²)	10 - 30

Application equipment: roller coating machine

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 conditions

Immediate UV-curing without flashing off previously:

	Feed	
	Intermediate gelling	Hardening
Hg- and Ga-radiator 80 - 120 W/cm	10 - 14 m/min	5 - 7 m/min

Avoid direct sunlight!

Cleaning the working equipment

8501

With Waschverdünner (8501) immediately after use.

SUBSTRATE**Type of substrate**

Hard and softwood (solid wood-, veneer-, (coated) chipboard-, wood fibre boards)

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

COATING SYSTEM**Primer coat**

2 – 3 x Innolux Walzgrund GF (2733)

For an optimal surface quality, it is a good idea to apply the primer with three roller coating units connected in series, with partial gelling after the 1st and 2nd applications, and full curing after the 3rd application.

Example:

1 x 20 g/m²

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

2 x 15 g/m² The shape and properties of the substrate affect the consumption/yield.

Curing with 2 mercury lamps 80 W/cm, feed rate 10 m/min

Intermediate sanding

Grain size 320 – 400 and Scotch-Brite-Roller.

Avoid sanding straight through!

Remove sanding dust.

Topcoat	With a suitable ADLER UV topcoat for roller application such as Innolux Decklack GF (2765)
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ORDERING INFORMATION

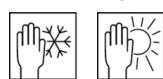
Size of trading unit	25 kg
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Colour shades / Glosslevels	Innolux Walzgrund GF Farblos (2733000200)
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Supplementary products	Innolux Decklack GF (2765) Waschverdünner 8501 (8501) Please refer to the corresponding technical data sheets of the products.
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FURTHER DETAILS

Durability / storage	Min. 9 month(s) in the original sealed containers.
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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: 90 – 110 seconds according to DIN 53211 (6 mm measuring cup, 20 °C)
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Safety information	The product is only suitable for industrial use.
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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.