

Innolux Decklack GF

2765

UV roller topcoat for the industrial coating of parquet and for the coating of furniture

PRODUCT DESCRIPTION

General

Highly reactive, matt UV roller topcoat with very good chemical and mechanical resistance.

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

Special properties and standards



- **ÖNORM A 1605-12 (furniture surfaces)**

Resistance to chemical reactions: 1-B1

Response to abrasion: 2-D (≥ 50 U)

Response to scratches: 4-D (≥ 1.0 N)

Flame treatment: 5-B (hardly inflammable furniture surface)



- **ÖNORM A 3800-1 (fire behaviour)**

In conjunction with a flame-retardant substrate:
flame-retardant, Q1, Tr 1



- **DIN 68861 (furniture surfaces)**

Part 1: Response to chemical stress: 1-B

Part 2: Response to abrasion: 2 D (> 50 to ≤ 150 U)

Part 4: Response to scratches: 4 E (> 0.5 to ≤ 1.0 N)



- **DIN 53160-1 and DIN 53160-2**

Perspiration and saliva-proof properties



- **ÖNORM EN 71-3**

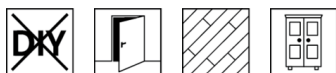
Safety of toys; migration of certain elements (free of heavy metals)



- **French ordinance DEVL1104875A**

Marking of construction coating products for their emission of volatile pollutants: A+

Application area



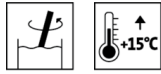
For the large-scale industrial coating of furniture elements and doors.

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

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.

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.
- 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 “**Working guidelines for UV roller coating systems**”.

Application technique



	Roller coater
Applying device	Roller coating machine
Applied quantity per application (g/m ²)	3 - 6
Total quantity applied (g/m ²)	max. 12

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



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

Innolux Walzgrund (2736)

For an optimal surface quality, it is beneficial to apply the coating in 2-3 roller coating steps.

Intermediate sanding

Grit size 320 – 400 and Scotch-Brite-Roll
Remove sanding dust.
Avoid sanding straight through!

Topcoat

1 – 2 x Innolux Decklack GF (2765)
depending on the desired substrate and body
For an optimal surface quality, it is beneficial to apply the topcoat with 2 roller coating units connected in series, whereby intermediate gelling takes place after the 1st application and curing takes place after the 2nd application.

CLEANING AND MAINTENANCE**Cleaning and Maintenance****Furniture:**

Cleaning with Clean-Möbelreiniger (7202) and care with Clean-Möbelpflege Plus (7222).

Ready-made parquet elements

For cleaning purposes Clean-Parkettreiniger (7207) can be added to wiping water.

ORDERING INFORMATION**Size of trading unit**

25 kg, 1000 kg

Colour shades / Glosslevels

Innolux Decklack GF G05 (2765000105)
Innolux Decklack GF G10 (2765000110)
Innolux Decklack GF G20 (2765000120)
Innolux Decklack GF G25 (2765000125)
Innolux Decklack GF G30 (2765000130)
Innolux Decklack GF G50 (2765000150)
Innolux Decklack GF G70 (2765000170)
Innolux Decklack GF G100 (2765000100)

Supplementary products

Clean-Möbelpflege Plus (7222)
Clean-Möbelreiniger (7202)
Clean-Parkettreiniger (7207)
Innolux Walzgrund (2736)
Waschverdünner 8501 (8501)

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).

Technical specifications

Delivery viscosity G05 - G20: 60 – 65 seconds according to DIN 53211
(6 mm measuring cup, 20 °C)
Delivery viscosity G25 - G100: 30 – 65 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.
