

Innolux Decklack GF KR

2770

Highly reactive UV roller topcoat for industrial lacquering of finished parquet elements (incl. cork) and furniture

PRODUCT DESCRIPTION

General

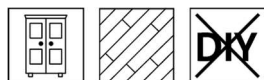
Highly reactive UV roller topcoat with special additive to improve abrasion; very good chemical and mechanical resistance, non-yellowing.

Special properties and standards

- **ÖNORM A 1605-12** (furniture surfaces)
Resistance to chemical reactions: 1-B1
Response to abrasion: 2-C (≥ 150 U)
Response to scratches: 4-C (≥ 1.5 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 C (over 150 to 350 U)
Part 4: Response to scratches: 4 D ($> 1,0$ bis $\leq 1,5$ 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** regarding the marking of construction coating products for their emission of volatile pollutants: A+



Application areas



- For the large-scale industrial coating of ready-made parquet elements (incl. cork).
- 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.

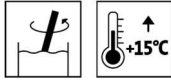
06-22 (supersedes 02-21) ZKL 2770

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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 is responsible for deciding on the suitability and use of the delivered product, which is why it is recommended to produce a sample to check 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.

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 is necessary.
- For an optimal surface quality, it is beneficial to apply the coating 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 **ARL 210 - Working guidelines for UV roller coating systems.**

Application technique



Application method	Rolling
Roller type	Roller coater
Application quantity per application (g/m ²)	approx. 3 - 6 per application total application amount of topcoat max. 12

The product is ready to use.

The shape and properties of the substrate affect the consumption/yield. 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 Waschverdünnung 80072

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.

Preparation of the substrate

Calibration grinding

Hardwoods: Wood sanding grit size 150–180

Softwoods: Wood sanding grit size 120–150

COATING SYSTEM

Primer 1 x Innolux Walzgrund 2736 000200

Intermediate sanding

Grit size 320 - 400

Avoid sanding straight through!



Topcoat

3-6 g/m² Innolux Decklack GF KR G15 2770 000115

For an optimal surface quality, it is beneficial to apply the topcoat with 2 roller painting units connected in series, whereby takes place after the 1st application intermediate gelling and after the 2nd curing takes place after the 2nd application.

Example:

1 x 4 g/m² with reversing dosing roller
 Intermediate gelling with 1 Hg radiator 80 W/cm, feed rate 10 m/min
 1 x 4 g/m² with reversing dosing roller
 Curing with 2 Hg radiator 80 - 120 W/cm, feed rate 10 - 14 m/min

CLEANING & MAINTENANCE

Cleaning and maintenance

Cleaning with Clean-Möbelreiniger 96490.

Preservation with Clean-Möbelpflege Plus 7222 000210.

Please observe the relative technical data sheets of the products.

ORDERING INFORMATION

Size of trading unit

25 kg

Colour shades / degrees of gloss

G15 Stumpfmatt (dull matt) 2770000115

Supplementary products

Innolux Walzgrund 2736 000200
 Waschverdünnung 80072
 Clean Möbelreiniger 96490
 Clean-Möbelpflege Plus 7222 000210

OTHER INSTRUCTIONS

Durability / storage



At least 6 months in the original sealed containers.

Protect against the sun.

Technical specifications

Delivery viscosity 110 - 120 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.