

Innolux Decklack G100

2761000100

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

PRODUCT DESCRIPTION

General

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

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 (formerly B 1 acc. to B 3800 -1), Q1, Tr 1
- **DIN 68861** (furniture surfaces)
Part 1: Response to chemical stress: 1 B
Part 2: Response to abrasion: 2 D (over 50 to 150 U)
Part 4: Response to scratches: 4 E (> 0.5 until ≤ 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** 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 and floorboards.
- 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 hardly inflammable or flame-retardant coating systems.

05-18 (supersedes 02-17) ZKL 2761

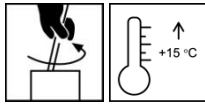
ADLER-Werk Lackfabrik, A-6130 Schwaz

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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. Otherwise our General Terms of Sale apply. 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.
- For an optimal surface quality it is advantageous to apply the product with 2 large-scale connected roller coating aggregates.
- Intermediate gelling takes place after each application of the product and curing takes place after the last application.
- Please observe our “**Working guidelines for UV coating systems**”.

Application technique



Application method	Rolling
Roller type	smooth and grooved roller with reversible dosing roller
Thinner	ADLER UV-AC-Walzlackverdünnung 80075
Thinner amount added in %	undiluted up to 5 % max.
Viscosity (s) 4-mm-cup, 20°C	80 ± 5
Application quantity per application (g/m ²)	approx. 3 - 6 total application amount of topcoat max. 12

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.

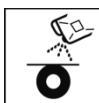
Drying conditions



Immediate **UV-curing** without flashing off previously:

	Feed	
	Intermediate gelling	Curing
Hg radiator 80 W/cm	10 - 14 m/min	5 - 7 m/min
Hg radiator 120 W/cm	12 - 16 m/min	7 - 10 m/min

Cleaning the working equipment



With ADLER 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 with grit size 150 - 180

Softwoods: Wood sanding with grit size 120 - 150

COATING SYSTEM

Adhesive primer

1 x ADLER Aqualux Haftgrund 29010

Recommended for heavily stressed surfaces such as floors (coin test).

Please observe the relative technical data sheets of the products.

Primer

1 x Innolux Walzgrund 2736000200

Please observe the relative technical data sheets of the products.

Intermediate sanding



Grit size 320 – 400 and Scotch-Brite-Roll

Avoid sanding straight through!

Topcoat

1 – 2 x Innolux Decklack G100 2761000100

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 ADLER Clean Möbelreiniger 96490.

Please observe the relative technical data sheets of the products.

ORDERING INFORMATION

Size of trading unit

25 kg

Colour shades / degrees of gloss

G100 Naturmatt 2761000100

Supplementary products

Innolux Walzgrund 2736000200

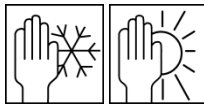
ADLER UV-AC-Walzlackverdünnung 80075

ADLER Waschverdünnung 80072

ADLER Clean Möbelreiniger 96490

FURTHER DETAILS

Durability / storage



At least 6 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: 80 ± 5 in accordance with DIN 53211 (4-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.