

## Innolux Decklack NV

2767

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

### PRODUCT DESCRIPTION

#### General

Highly reactive UV roller topcoat; 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 ( $\geq 50$  U)  
Response to scratches: 4-D ( $\geq 1.0$  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  $\leq 150$  U)  
Part 4: Response to scratches: 4 E ( $> 0.5$  to  $\leq 1.0$  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)

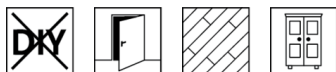


- **Declared in baubook**  
Product has been declared and validated



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

#### Application area



Topcoat system for the large-scale industrial coating of furniture and doors.

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.

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. Intermediate gelling is recommended if applying more than one coat with a roller.
- 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
<b>Applying device</b>	Roller coating machine
<b>Applied quantity per application (g/m<sup>2</sup>)</b>	3 - 6
<b>Total quantity applied (g/m<sup>2</sup>)</b>	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.

### 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

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

<b>Primer coat</b>	Standard: 1 x Innolux Walzgrund Farblos (2736000200) For open-pored timbers: 1 x Innolux Walzgrund ML (2735000202) For an optimal surface quality, it is beneficial to apply the coating in 2-3 and the topcoat in 2 roller coating steps.
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### Intermediate sanding



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

### Topcoat

1 - 3 x Innolux Decklack NV (2767), 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

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

## ORDERING INFORMATION

### Size of trading unit

25 kg, 180 kg

### Colour shades / Glosslevels

Innolux Decklack NV G05 (2767000105)  
Innolux Decklack NV G10 (2767000110)  
Innolux Decklack NV G20 (2767000120)  
Innolux Decklack NV G30 (2767000130)  
Innolux Decklack NV G50 (2767000150)  
Innolux Decklack NV G70 (2767000170)  
Innolux Decklack NV G90 (2767000190)

### Supplementary products

Clean-Möbelpflege Plus (7222)  
Clean-Möbelreiniger (7202)  
Innolux Walzgrund (2736)  
Innolux Walzgrund ML (2735)  
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: 30 – 40 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.

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](http://www.adler-lacke.com).

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