

## Innolux Decklack

2760

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

### PRODUCT DESCRIPTION

#### General

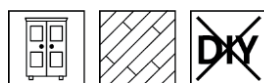
Highly reactive UV roller topcoat; very good chemical and mechanical resistance.

#### 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 (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  $\leq 1.0$  N)
- **DIN 53160-1 and 53160-2** perspiration and saliva-proof properties
- **ÖNORM EN 71-3** Safety of toys; migration of certain elements (free of heavy metals)
- **“Baubook”**-compliant
- **French ordinance DEVL1104875A** regarding the marking of construction coating products for their emission of volatile pollutants: A+



#### Application areas



- For the industrial serial coating of furniture and interior finishing.
- 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.

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

### Application technique



Application method	Rolling
Roller type	Roller coater with reversible dosing roller
Thinner	ADLER UV-AC-Walzlackverdünnung 80074
Thinner amount added in %	undiluted up to 5 % max.
Viscosity (s) 6-mm-cup, 20 °C	2760000105: 70 ± 10 2760000110 ff: 60 ± 5
Application quantity per application (g/m <sup>2</sup> )	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

**Primer** Standard: 1 x Innolux Walzgrund 2736000200  
For open-pored timbers: 1 x Innolux Walzgrund ML 2735000202

### Intermediate sanding



Grit size 320 - 400

Avoid sanding straight through!

### Topcoat

3-6 g/m<sup>2</sup> Innolux Decklack 2760

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

#### Example:

1 x 4 g/m<sup>2</sup> with reversing dosing roller

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

1 x 4 g/m<sup>2</sup> 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. Preservation of surfaces with degree of gloss G30 and higher with ADLER Clean-Möbelpflege Plus 7222000210.

Please observe the relative technical data sheets of the products.

## ORDERING INFORMATION

### Size of trading unit

25 kg

### Colour shades / degrees of gloss

G5 Naturmatt 2760000105

G10 Stumpfmatt 2760000110

G30 Matt 2760000130

G50 Halbmatt 2760000150

### Supplementary products

Innolux Walzgrund 2736000200

Innolux Walzgrund ML 2735000202

ADLER UV-AC-Walzlackverdünnung 80074

ADLER Waschverdünnung 80072

ADLER Clean Möbelreiniger 96490

ADLER Clean-Möbelpflege Plus 7222000210

## FURTHER DETAILS

### Durability / storage



At least 6 months in the original sealed containers.

Protect against the sun.

### Technical specifications

Delivery viscosity	2760000105:	80 ± 10
(6-mm cup, 20 °C, according to DIN 53211)	2760000110 ff:	60 ± 5

---

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

The product is only suitable for industrial use.

---