

Innolux Topcoat CC EXC

2774

UV casting topcoat for excimer technology in furniture and interior design for industry

PRODUCT DESCRIPTION

General

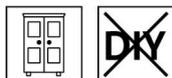
Highly reactive UV casting topcoat for excimer curing; very good chemical and mechanical resistance. Very matt and highly scratch-resistant surfaces.

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-C (≥ 1.5 N)
- **DIN 68861** (furniture surfaces)
Part 1: Response to chemical stress: 1 B
Part 2: Response to abrasion: 2 D (over 50 up to 150 U)
Part 4: Response to scratches: 4 E (> 1.5 until ≤ 2.0 N)
- **ÖNORM A 3800-1** (fire behaviour) in conjunction with a flame-retardant substrate:
flame-retardant, Q1, Tr 1
- **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 area



- For the industrial serial coating of furniture elements with dull matt surface.
- For the industrial serial coating of furniture and interior finishing exposed to high levels of stress, such as hotel and school furnishings, kitchen and sanitary furniture: Application areas II – IV (ÖNORM A 1610-12)

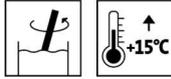
11-22 ZKL 2774

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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.
- Please observe our **ARL 210 - Working guidelines for UV roller coating systems.**

Application technique



Application method	Casting (pouring)
Viscosity (s) 4-mm-cup, 20 °C	65 - 75
Application quantity (g/m ²)	approx. 100 - 140

The product is ready to use.

Accurate values for consumption must be obtained by applying trial coats in advance.

UV curing



Flash-Off: 2 - 3 min at room temperature

	Feed		
	Gelling	Excimer	Curing
Suitable UV radiation source (LED, Ga or Hg)	7 - 15 m/min		
Excimer-radiator		7 - 15 m/min	
Hg radiator 120 W/cm			7 - 15 m/min

Avoid direct sunlight!

Example:

100 g/m² Innolux Topcoat CC EXC 2774000105 with casting machine
 2 - 3 min Flash-Off
 Gelling with LED (395 nm, 16W), Feed 10 m/min
 Folding with excimer-radiator (172 nm, feed 10 m/min)
 Curing with 2 Hg radiator 120 W/cm, feed 10 m/min

Cleaning the working equipment



With Waschverdünnung 80072

SUBSTRATE

Type of substrate Melamine resin panels

Substrate property (or condition) (or) 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.

COATING SYSTEM

Primer 1 x Innolux Haftpromotor S 2704000200

Primer (optional) Standard: 1 – 2 x Innolux Walzgrund 2736000200

Intermediate sanding (optional, only if primed) Grit size 320 - 400



Avoid sanding straight through!

Topcoat 1 x Innolux Topcoat CC EXC 2774000105

CLEANING & MAINTENANCE

Cleaning and maintenance Cleaning with Clean-Möbelreiniger 96490 and maintenance with 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 Stumpfmatt	2774000105
	White	2774077441

Supplementary products Innolux Walzgrund 2736000200
Waschverdünnung 80072
Clean Möbelreiniger 96490
Clean Möbelpflege Plus 7222000210

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 65 - 75 s 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.