

Pigmotop

25361 ff

Solvent-based transparent **2K polyurethane topcoat** for furniture and interior finishing for industrial and professional use

PRODUCT DESCRIPTION

General

Fast drying polyurethane topcoat based on acrylate resins with very good mechanical and chemical resistance as well as excellent resistance to yellowing.

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)
- **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 D ($> 1,0$ bis $\leq 1,5$ N)
- **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 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)
- **French ordinance DEVL1104875A** regarding the marking of construction coating products for their emission of volatile pollutants: A+



Application area



- 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 "ring test"-resistant and therefore particularly scratch-resistant pigmented coating surfaces in furniture and interior finishing, especially tables, chairs, doors, etc.: application areas II – IV in accordance with ÖNORM A 1610-12.
- For hardly inflammable or flame-retardant coating systems.
- Suitable for the coating of surfaces bleached with hydrogen peroxide.

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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.
- **ADLER Pigmotop** can slightly change the colour shade of surfaces coated with ADLER Pigmopur or ADLER Pigmocryl NG. Application quantity and intermediate drying time also influence the final colour shade. A possible intermediate sanding can noticeably change the final shade, which is why such a procedure is not recommended.
- Even carefully applied gloss coatings can have slight flaws such as dust inclusions or the like. After an intermediate drying period of at least 3 days, these flaws can be polished off well.
- Please observe our "**Working Guidelines for colourless high-gloss coating**" or "**Working Guidelines for high-gloss coating of coloured and opaque coatings**".
- Please observe our "**Working guidelines for PUR furniture paints**".

Blending ratio



10 parts by weight ADLER Pigmotop 25361 ff
1 part by weight of ADLER PUR-Härter 82019

ADLER Pigmotop 25361 ff can only be used with ADLER PUR-Härter 82019 and in the mixing ratio specified. Deviations lead to film and adhesion problems.

Pot life



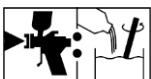
1 working day

Mixed material can be used one more working day, but must be mixed 1:1 with freshly hardened material. A further extension of the pot life is not possible.

Application technique



0-10% 80019



10-15% 80019

Application method	Airless	Airless air-supported (Airmix, Aircoat, etc.)	Cup gun	Casting (pouring)
Spray nozzle (ø mm)	0.23 - 0.28	0.23 - 0.28	1.8	-
Spraying pressure (bar)	100 - 120	100 - 120	2 - 3	-
Atomized air (bar)		1-2		
Thinner	ADLER DD-Verdünnung 80019			
Thinner amount added in %	0 - 10	0 - 10	10 - 15	0 - 10
Viscosity (s) 4-mm-cup, 20°C	approx. 24	approx. 24	approx. 18	approx. 24
Application quantity per application (g/m²)	approx. 80 - 100 per application Total quantity applied: max 300			

Drying times

(at 23 °C and 50 % rel. humidity)



Recoatable	approx. 1 – 3 hours
Manipulable and stackable	drying overnight
Buffable	max. 3 days

The figures given above are reference values. The drying time depends on the type of substrate, coat thickness, temperature, air exchange and relative atmospheric humidity.

Cleaning the working equipment

ADLER DD-Verdünnung 80019 or ADLER PUR-Verdünnung 80077

COATING SYSTEM**Primer**

- ADLER Pigmpur 24005 ff (with or without filler layer, open or closed-pored), drying time at room temperature of at least 3 hour to a maximum of 24 hours without intermediate sanding.
- ADLER Pigmocryl NG 31105 ff (with or without filler layer, open or closed-pored), drying time at room temperature of at least 12 hours to a maximum of 3 days without intermediate sanding.
- ADLER PUR-Füllgrund HT 2530000200
- Please observe the relative technical data sheets of the products.

Intermediate sanding

ADLER PUR-Füllgrund or other transparent 2K PUR furniture coats: Grit size 320 or finer (e.g. high-gloss coating)

On pigment coats ADLER Pigmotop 25361 ff is applied without intermediate sanding. Intermediate drying time: at least 3 hours up to longest 24 hours

Topcoat

1 x ADLER Pigmotop 25361 ff in the required gloss level G10 up to G70

or

2 x ADLER Pigmotop 25370 ff in the gloss level G100

ADLER Pigmotop G 100 is only suitable for overcoating surfaces treated with ADLER Pigmpur or other PUR-coated surfaces. Two spray coats are recommended for the development of a brilliant gloss.

CLEANING AND MAINTENANCE**Cleaning and maintenance**

Cleaning with ADLER Clean-Möbelreiniger 96490. Preservation of surfaces with degree of gloss G30 up to G70 with ADLER Clean-Möbelpflege Plus 7222000210 (furniture preservative).

Please observe the relative technical data sheets of the products.

ORDERING INFORMATION**Size of trading unit**

4 kg; 20 kg

Colour shades / degrees of gloss

G10 Stumpfmatt	25361
G30 Matt	25363
G50 Halbmatt	25365
G70 Seidenmatt	25367
G100 Glänzend	25370

Supplementary products

ADLER PUR-Härter 82019
ADLER DD-Verdünnung 80019
ADLER Waschverdünnung 80077
ADLER PUR-Füllgrund HT 2530000200
ADLER Pigmopur 24005 ff
ADLER Pigmocryl NG 3200 ff
ADLER Clean-Möbelreiniger 96490
ADLER Clean-Möbelpflege Plus 7222000210

FURTHER DETAILS

Durability / storage

At least 1 year 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	approx. 25 s in accordance with DIN 53211
viscosity	(4-mm-cup, 20°C)
Mixing viscosity	approx. 24 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 and professional use.

In general, inhaling paint aerosols must be avoided. This is ensured by correctly using a respiratory mask (combination filter A2/P2 – EN 141/EN 143).
