

Pigmotop

2514

Solvent-based, transparent 2C polyurethane topcoat for **furniture and interior finishing, for use in industry and trade**

PRODUCT DESCRIPTION

General

Fast-drying polyurethane topcoat formulated with acrylate resin, with very good mechanical and chemical resistance and outstanding resistance to yellowing.

Special properties and standards

- **ÖNORM A 1605-12 (furniture surfaces)**
Confirmed by an external test certificate.
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 (> 50 to ≤ 150 U)
Part 4: Response to scratches: 4 D ($> 1,0$ to $\leq 1,5$ 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**
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 to 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 area 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.

PROCESSING

Processing instructions



- Please stir the product before use.
- The temperature of the product and object, and the room temperature must be at least +10 C.
- **Pigmotop(2514)** can slightly change the colour shade of surfaces painted with Pigmpopur or Bluefin Pigmocryl NG (various qualities). 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.
- 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 follow our **ARL 133 - Working guidelines for colourless high-gloss coating** and **ARL 134 - Working guidelines for high-gloss coating of coloured opaque coatings**.
- Please follow our **ARL 131 - Working guidelines for PUR furniture paints**.

Blending ratio



10 Part(s) by weight Pigmotop (2514)
1 Part(s) by weight PUR-Hardener 8419 (8419000210)

Pigmotop (2514) can only be used with a hardener and in the mixing ratio specified. Deviations lead to film and adhesion problems.

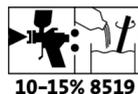
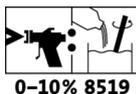
Pot life



8 hour(s)

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



	Airless	Airless air-supported (Airmix®, Aircoat, etc.)	Cup gun
Spraying nozzle Ø (mm)	0,23 - 0,28		1,8
Spraying pressure (bar)	100 - 120		2 - 3
Vaporizer Air (bar)	-	1 - 2	-
Diluent	DD-Verdünner (8519)		
Diluent amount added (%)	0 - 10		10 - 15
Viscosity 4-mm-cup (s)	24		18
Applied quantity per application (g/m ²)	80 - 100		
Total quantity applied (g/m ²)	max. 300		

Cleaning the working equipment



8519



8501

With DD-Verdünner 8519 (8519) or Waschverdünner (8501) immediately after use.

COATING SYSTEM

Primer coat

Pigmopur G50 (2406) (with or without filler layer, open or closed-pored), drying time at room temperature of at least 3 hours to a maximum of 24 hours without intermediate sanding.

Bluefin Pigmocryl NG (various qualities) (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.

Aduro Füllgrund HT Farblos (2530000200)

Intermediate sanding



PUR-Füllgrund HT or other transparent two-component-PUR-furniture coats: Grit size 320 or finer (e.g. high gloss coating)

Remove sanding dust.

On pigment varnishes, Pigmotop (2514) is applied without intermediate sanding. Intermediate drying time: min. 3 hour(s) to max. 24 hour(s).

Topcoat

1 x Pigmotop (2514) in the desired gloss level G10 - G70

or

2 x Pigmotop G100 Glänzend (25370)

Pigmotop G100 Glänzend (25370) is only suitable for overcoating surfaces treated with Pigmopur 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 Clean-Möbelreiniger (7202) and care with Clean-Möbelpflege Plus (7222).

Please follow our **ARL 280 - Care instructions for varnished high gloss furniture surfaces.**

ORDERING INFORMATION

Size of trading unit

4 kg, 20 kg

Colour shades / Glosslevels

Pigmotop G10 Stumpfmatt (25361)

Pigmotop G30 Matt (25363)

Pigmotop G50 Halbmatt (25365)

Pigmotop G70 Seidenmatt (25367)

Pigmotop G100 Glänzend (25370)

Supplementary products

Clean-Möbelpflege Plus (7222)

Clean-Möbelreiniger (7202)

DD-Verdünner 8519 (8519)

Pigmopur G50 (2406)

Aduro Füllgrund HT Farblos (2530000200)

PUR-Hardener 8419 (8419)

Waschverdünner 8501 (8501)

Bluefin Pigmocryl NG (various qualities)

Please refer to the corresponding technical data sheets of the products.

FURTHER DETAILS

Durability / storage



Min. 2 year(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: 25 second – 27 second according to DIN 53211
(4 mm measuring cup, 20 °C)

Safety information



The product is only suitable for the industrial and professional use.

The inhalation of paint aerosols during spray application must generally be avoided. This is ensured by the proper use of a respirator (combination filter A2/P2).

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.