Pache SARL - 64 Route de Gravin, 74300 Magland
04 50 89 57 17 contact@pache-adler.fr
www.pache-adler.fr

Technical data sheet

Paint runs through our veins.

Aduro 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 ≤ 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.

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Our instructions are based on the current state of knowledge and are intended to advise the buyer/user to the best of our knowledge, but must be individually adapted to the areas of application and processing conditions. The buyer/user is responsible for deciding on the suitability and use of the supplied product, which is why we recommend that a sample be produced to check the suitability of the product. In all other respects, our General Terms and Conditions of Sale apply. All previous data sheets lose their validity with this edition. We reserve the right to make changes to container sizes, color shades and available gloss levels.

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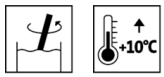
PROCESSING

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.
- **Aduro Pigmotop** (**2514**) may slightly change the shade of surfaces painted with Pigmopur. 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

8419 10%

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

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

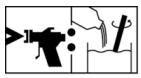
Pot life

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.

Please only prepare as much material as can be used within the pot life.

Application technique



0–10% 8519

10–15% 8519

	Airless	Airless air-supported (Airmix®, Aircoat, etc.)	Cup gun
Spraying nozzle Ø (mm)	0,23 - 0,33		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/m²)	80 - 100		
Total quantity applied (g/m²)	max. 300		

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.

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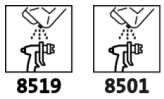
Cleaning the working equipment  8519 8501	With DD-Verdünner 8519 (8519) or Waschverdünner (8501) immediately after use.

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. 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, Aduro Pigmotop (2514) is applied without intermediate sanding. Intermediate drying time: min. 3 hour(s) to max. 24 hour(s).
Topcoat	1 x Aduro Pigmotop (2514) in the desired gloss level G10 - G70 or 2 x Aduro Pigmotop G100 (2514000100) Aduro Pigmotop G100 (2514000100) is suitable for use as a topcoat on Pigmopur surfaces. Two spray coats are recommended for the development of a brilliant gloss.

CLEANING AND MAINTENANCE

Cleaning and Maintenance	Cleaning with Clean-Möbelreiniger (7202) an 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	Aduro Pigmotop G10 (2514000110) Aduro Pigmotop G30 (2514000130) Aduro Pigmotop G50 (2514000150) Aduro Pigmotop G70 (2514000170) Aduro Pigmotop G100 (2514000100)
Supplementary products	Aduro Füllgrund HT (2530) Clean-Möbelpflege Plus (7222) Clean-Möbelreiniger (7202) DD-Verdünner 8519 (8519) Pigmopur G50 (2406) PUR-Hardener 8419 (8419) Waschverdünner 8501 (8501) Please refer to the corresponding technical data sheets of the products.

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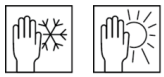
FURTHER DETAILS

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).

Close opened containers well and use up the content as soon as possible.

Technical specifications

Delivery viscosity: 25 – 27 seconds 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.**

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