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.

Pigmopur-Metallic 2407

Solvent-based **metallic paint** for **furniture surfaces,** for use in **industry and trade**

PRODUCT DESCRIPTION

General

Solvent-based 2C metallic paint for furniture surfaces. Very good mechanical and chemical resistance and outstanding lightfastness.

Special properties and standards

- **ÖNORM A 1605-12A (furniture surfaces)**
  Resistance to chemical reactions: 1-B1
  Flame treatment: 5-B (highly non-flammable furniture surfaces)
- **ÖNORM A 3800-1 (fire behaviour)**
  In conjunction with a flame-retardant substrate:
  flame-retardant, Q1, Tr 1
- **DIN 68861 (furniture surfaces)**
  Part 1: Response to chemical stress: 1 B
- **French ordinance DEVL1104875A**
  Marking of construction coating products for their emission of volatile pollutants: A+

Application area

For creating high-quality metallic effects for furniture and all interior finishing projects, including kitchens and bathrooms, e.g. storage surfaces in kitchens and living rooms, bathrooms, offices and commercial settings, fronts and surfaces that are permanently visible, surfaces on chairs and seating that are subject to heavy wear and surfaces that are not permanently visible (excluding table tops): area of application with a suitable topcoat (e.g. Aduro Pigmotop (2514)) II to IV in accordance with ÖNORM A 1610-12.

Open- and closed-pore coated surfaces.

Application in combination with a suitable topcoat system.

PROCESSING

Processing instructions

- Please stir product well before and during use.
- Pigmopur-Metallic requires subsequent application of a suitable colourless topcoat.
- 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 131 - Working guidelines for PUR furniture paints.**

ADLER-Werk Lackfabrik, A-6130 Schwaz
Fon: +43/5242/6922-190, Fax: +43/5242/6922-309, Mail: technical-support@adler-lacke.com

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.

Blending ratio

10 part(s) by weight or by volume Pigmopur-Metallic (2407)
1 part(s) by weight or by volume PUR-Hardener 8419 (8419000210)

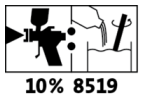
Pigmopur-Metallic (2407) can only be used with a hardener and in the mixing ratio specified. Deviations lead to film and adhesion problems.

Pot life

8 hour(s)

A further extension of the pot life is not possible.

Application technique



	Cup gun
Spraying nozzle Ø (mm)	1,5 - 1,8
Spraying pressure (bar)	2 - 3
Diluent	DD-Verdünner 8519
Diluent amount added (%)	10
Viscosity 4-mm-cup (s)	20
Applied quantity per application (g/m²)	80 - 120

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.

Drying times

(at 23 °C and 50 % rel. humidity)

Can be painted over	5 h
Can be handled and stacked	12 hour(s)

The figures given above are reference values. Drying depends on the substrate, layer thickness, temperature, air exchange, relative humidity, stacking pressure and stacking conditions.

Cleaning the working equipment

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

SUBSTRATE

Type of substrate

Solid wood, chipboard or wood fibre materials suitable for opaque varnishing, veneered or coated with priming film.

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.

Substrate preparation

sanding with grit size 150 - 180

Carrier plates coated with priming film: Grit size 180 - 240

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COATING SYSTEM

Primer coat	**For closed-pore coating surfaces** **Carrier plates coated with priming film:** (sharp sanding of the film with 240 grit) 1 x Aduro Spritzfüller (2410) or Aduro Ecofill (2416) is advantageous **Solid wood, raw chipboard or chipboard panels veneered with blind veneer:** 2 x Aduro Spritzfüller (2410) Intermediate sanding Grit size 280 – 360 **MDF panels:** 1 x insulated with Aduro Isoliergrund (2502) or Aduro Legnopur (2513) 1 – 2 x Aduro Spritzfüller (2410) Intermediate sanding Grit size 280 – 360 As an alternative, you can use Aduro Ecofill Smart (2317) or Aduro Ecofill (2416), applying it directly onto good-quality MDF boards with a high raw density (over 700 kg/m³ for 19 mm boards). Pre-coat with approx. 150 g/m² Pigmopur G50 Silbergrau, wie 24511 (2406041253), 10:1 PUR-Hardener 8419 (8419) + 20% DD-Verdünner 8519 (8519). The special effect paint is applied after allowing the surface to dry for 1 - 3 hours, without intermediate sanding. **For open-pore coating surfaces** 1 x Pigmopur G50 (2406) in the desired colour 10:1 PUR-Hardener 8419 (8419) + 30 % DD-Verdünner 8519 (8519). Drying overnight at room temperature. Intermediate sanding Grit size 280 – 400
Effect coating	Apply a smooth and flowing coat of Pigmopur-Metallic (2407) from 4 sides using a cup gun, avoiding over-saturation
Topcoat	No intermediate sanding. 1 x Aduro Pigmotop (2514) in the desired gloss level

ORDERING INFORMATION

Size of trading unit	1kg, 4kg More sizes on request.
Colour shades	**Standard colour(s):** Graualuminium RAL9007 (2407117049) Weißaluminium RAL9006 (2407117050) Special colours on request. This technical data sheet applies to all colours of Pigmopur-Metallic (2407) and colour shade number.
Supplementary products	Aduro Ecofill Smart (2317) Aduro Isoliergrund (2502) Aduro Legnopur (2513) Aduro Spritzfüller (2410) DD-Verdünner 8519 (8519) Pigmopur G50 (2406) Aduro Pigmotop (2514) Aduro Ecofill (2416) PUR-Hardener 8419 (8419) Waschverdünner 8501 (8501) Please refer to the corresponding technical data sheets of the products.

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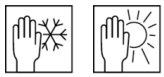
FURTHER DETAILS

Durability / storage



Min. 1 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: 23 second – 50 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.**

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