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

Technical data sheet

ADLER
Paint runs through our veins.

Aduro Spritzfüller 2410

Solvent-based, opaque **2C polyurethane spray filler** for **furniture and interior finishing**, for use in **industry and trade**

PRODUCT DESCRIPTION

General

Fast-drying polyurethane filler formulated with acrylate resin, with very good sandability, very good filling performance, good stability on vertical surfaces and outstanding permanent elasticity.

Special properties and standards

- **ÖNORM A 3800-1 (fire behaviour)**
  Confirmed by an external test certificate.
  In conjunction with a flame-retardant substrate:
  flame-retardant, Q1, Tr 1.
- **EN 13501-1 (fire behaviour)**
  Confirmed by an external test certificate.
  In conjunction with flame-retardant laminated plywood – even veneered: B-s1, d0
- **French ordinance DEVL1104875A**
  Marking of construction coating products for their emission of volatile pollutants: A+

Application area

Highly filling primer for opaque pigmented coating systems for furniture and interior finishing.

For coating interior doors.

For profiled parts such as battens or frame furniture.

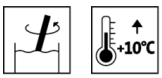
For hardly inflammable or flame-retardant coating systems.

Application in combination with a suitable topcoat system.

The area of application depends on the processing of the product and the topcoat system selected.

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.
- 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.**

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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.

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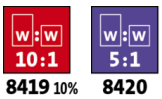
Blending ratio



Aduro Spritzfüller (2410) can only be used with a hardener and in the mixing ratio specified. Deviations lead to film and adhesion problems.

10 Part(s) by weight Aduro Spritzfüller (2410)
1 Part(s) by weight PUR-Hardener 8419 (8419000210)

or

5 part(s) by volume: Aduro Spritzfüller (2410)
1 part(s) by volume: PUR-Hardener 8419 (8419000210)

If faster **drying is** required, the following hardener / mixing ratio can be used as an alternative to PUR-Hardener 8419 (8419000210):

5 weight part(s) Aduro Spritzfüller (2410)
1 weight part(s) PUR-Hardener 8420 S (8420000210)

or

3 Vol.- part(s) Aduro Spritzfüller (2410)
1 Vol.-part(s) PUR-Hardener 8420 S (8420000210)

Pot life

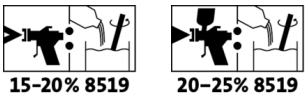
With PUR-Hardener 8419 (8419000210): 8 hour(s)

With PUR-Hardener 8420 S (8420000210): 5 hour(s)

An extension of the pot life by mixing with freshly hardened paint material is not possible!

Increased temperatures reduce the pot life.

Application technique



	Airless	Airless air-supported (Airmix®, Aircoat, etc.)	Cup gun
Spraying nozzle Ø (mm)	0,28 - 0,33		1,8 - 2,0
Spraying pressure (bar)	100 - 120		2 - 3
Vaporizer Air (bar)	-	1 - 2	-
Diluent	DD-Verdünner (8519)		
Diluent amount added (%)	15 - 20		20 - 25
Viscosity 4-mm-cup (s)	23		20
Applied quantity per application (g/m²)	170 - 220		
Total quantity applied (g/m²)	max. 750		

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)

Sandable and recoatable	5 hour(s)
Manipulable and stackable	12 hour(s)

Approx. 5 hours after the first application of filler, the surfaces should be sanded smooth using sandpaper with grit size 280.

After the second filler application, a drying time of at least 12 hours (room temperature) must be observed before intermediate sanding in order to ensure a good firmness of the subsequent topcoat.

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

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Cleaning the working equipment 8519 8501	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. MDF panels
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. For sanitary applications, we generally recommend the use of moisture-resistant MDF panels of type P3, P5 or P7 according to ÖNORM EN 312 (formerly V100 according to DIN 68763). It is not recommended for use on horizontal surfaces that are frequently exposed to water, such as washstands.
Substrate preparation	**Carrier plates coated with priming film:** Film sanding Grit size 240 **Hardwoods:** Wood sanding Grit size 150 – 180 **Softwoods:** Wood sanding Grit size 120 - 150 MDF panels: It is essential to saturate the high absorbency of MDF panels well and to stabilise less sealed areas. Sanded MDF boards (final grit size: 180) therefore need to be pre-insulated on all sides before applying Aduro Spritzfüller (2410) with a suitable 2C PUR clear varnish (e.g. with Aduro Isoliergrund (2502) or Aduro Legnopur (2513)); across flat areas once, and on edges and recessed areas twice. A drying time of the colourless insulation overnight guarantees a good insulating effect and a good firmness of the following filler layer. Shortly before continuing with the varnish, the surfaces should be sanded smooth using sandpaper with grit size 280.

COATING SYSTEM

Primer coat	2 – 3 x Aduro Spritzfüller (2410)
Intermediate sanding 	Slight intermediate sanding using grit size 280 after the first filler application. Further intermediate sandings: Grit size 280 – 320 Remove sanding dust. Intermediate sanding must be carried out immediately before the subsequent coating is applied in order to ensure good intermediate adhesion!
Topcoat	1 x Pigmopur G50 (2406) in the desired colour

ORDERING INFORMATION

Size of trading unit	4 kg, 30 kg
Colour shades / Glosslevels	**Standard colour(s):** Weiß (2410050000)

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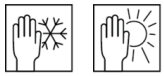
Supplementary products	Aduro Legnopur (2513) Aduro Isoliergrund (2502) DD-Verdünner 8519 (8519) Pigmopur G50 (2406) PUR-Hardener 8419 (8419) PUR-Hardener 8420 S (8420) Waschverdünner 8501 (8501) Please refer to the corresponding technical data sheets of the products.

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).
Technical specifications	Viscosity when delivered: 7,000 – 10,000 mPas (Brookfield Spindle 4/20 UpM/2 min/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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