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 Isoliergrund 2502

Solvent-based **two-component polyurethane basecoat** for **furniture and interior finishing** for **industrial and professional use**

PRODUCT DESCRIPTION

Product numbers

2502000210

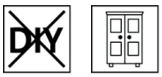
General

Solvent-based two-component polyurethane polyester resin primer. Good penetration capacity, very quick drying, good grain accentuation.

Special properties and standards

- **French ordinance DEVL1104875A**
  Marking of construction coating products for their emission of volatile pollutants: A+

Application area



Primer for transparent coating structures in furniture and interior finishing.

For insulating the edges and surfaces of MDF boards.

For insulating highly resinous timbers.

The product is not suitable for surfaces stained with Arova Ultra, Arova Alpin or Arova Alpin Trend!

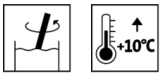
The product is not suitable for surfaces bleached with hydrogen peroxide!

Application in combination with a suitable topcoat system.

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

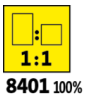
PROCESSING

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.**

Blending ratio



1 Part(s) by weight Aduro Isoliergrund (2502)
1 Part(s) by weight PUR-Hardener 8401 (8401000210)

Aduro Isoliergrund (2502) can only be used with a hardener and in the mixing ratio specified. Deviations lead to film and adhesion problems.

PACHE Sarl

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

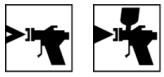
Our instructions are based on the current state of knowledge and are intended to advise the buyer/user to the best of our knowledge, but must be individually adapted to the areas of application and processing conditions. The buyer/user is responsible for deciding on the suitability and use of the supplied 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.

Pot life

8 hour(s)

Increased temperatures reduce the pot life.

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	80 - 100	2,0 - 2,5
Vaporizer Air (bar)	-	1,0 - 1,5	-
Diluent	DD-Verdünner (8519)		
Applied quantity per application (g/m²)	100 - 120		
Total quantity applied (g/m²)	max. 450		

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 (Aduro Isoliergrund (2502))	approx. 2 hour(s)
Sandable and recoatable (following coat)	approx. 12 hour(s)
Manipulable and stackable	approx. 12 hour(s)

In order to improve the firmness of the subsequent coating, we recommend drying overnight at room temperature.

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

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

SUBSTRATE

Type of substrate

Hard and softwood (solid wood-, veneer-, (coated) chipboard-, wood fibre boards)

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

Hardwoods: Sand and clean with 150 - 180 grit
Softwoods: Sand and clean wirh 100 - 150 grit

PACHE srl

COATING SYSTEM

Primer coat

1 x Aduro Isoliergrund (2502)

Insulating MDF panels:

Dilute paint/hardener mixture with 50 % DD-Verdünner 8519 (8519) or PUR-Verdünner 8529 (8529) and apply approx. 120 g/m² using the spraying method. Intermediate drying: at least 2 hour(s) In the edge and milling groove area, carry out a second spray application with undiluted material. MDF boards for use in wet rooms definitely need two insulation courses.

Intermediate drying time: approx. 12 hours (over night)

Intermediate sanding Grit size 280

The surfaces are then available for the required further treatment.

The above method strengthens the less compressed areas of MDF boards and protects them from cracking.

Insulating highly resinous timbers:

One spray application of approx. 120 g/m² with undiluted material.

Intermediate drying: at least 8 hour(s)

Intermediate sanding Grit size 280

The surfaces are then available for the required further treatment.

Intermediate sanding

Sand the primed surface with grit size 280 – 320.

Sanding straight through must be avoided, as this may lead to differences in the grain accentuation, which are further increased by yellowing with aging.

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 – 2 x with a suitable two-component PUR furniture coating, e.g. Aduro Legnopur (2513) or PUR-Antiscratch HQ (2517)

CLEANING AND MAINTENANCE

Cleaning and Maintenance

Cleaning with Clean-Möbelreiniger (7202) an care with Clean-Möbelpflege Plus (7222).

ORDERING INFORMATION

Size of trading unit

900 g, 4 kg

Supplementary products

Aduro Legnopur (2513)
Clean-Möbelpflege Plus (7222)
Clean-Möbelreiniger (7202)
DD-Verdünner 8519 (8519)
PUR-Antiscratch HQ (2517)
PUR-Hardener 8401 (8401)
PUR-Verdünner 8529 (8529)
Waschverdünner 8501 (8501)

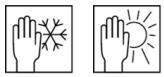
Please refer to the corresponding technical data sheets of the products.

PACHE sarl

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

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

Delivery viscosity: 9 - 11 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.**

PACHE sarl