Pache SARL - 64 Route de Gravin, 74300 Magland
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Technical data sheet

Paint runs through our veins.

Aduro Vitea 2651

Solvent-based **2-component polyurethane matt coating** for **furniture and interior finishing** for **professional and industrial use**

PRODUCT DESCRIPTION

Product numbers

2651000105

General

Rapid-drying two-component polyurethane clear coating based on acrylic resins for preserving the natural appearance and feel of the wood. Very good chemical and good mechanical resistance, noble matt effect and attractive grain pattern.

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)
- **DIN 68861 (furniture surfaces)**
  Confirmed by an external test certificate.
  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
- **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.

The product is not suitable for 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.
- Due to the dull matt surface effect and the high percentage of matting agents we do not recommend the coating of dark wood or dark stained wood.

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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.

- 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

8439 10%

10 Part(s) by weight Aduro Vitea (2651)
1 Part(s) by weight PUR-Hardener 8439 (8439000210)

Aduro Vitea (2651) can only be used with a hardener and in the mixing ratio specified. Deviations lead to film and adhesion problems.

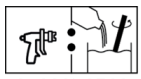
Pot life

8 hour(s)

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

Increased temperatures reduce 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 - 0,28		1,8
Spraying pressure (bar)	100 - 120	80 - 100	2 - 3
Vaporizer Air (bar)	-	1 - 2	-
Diluent	DD-Verdünner (8519)		
Diluent amount added (%)	0 - 10		10 - 15
Viscosity 4-mm-cup (s)	21		18
Applied quantity per application (g/m²)	100 - 130		
Total quantity applied (g/m²)	max. 250		

The product is ready to use.

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.

For good thorough drying, the recommended application quantities must be adhered to. Excessive layer thicknesses lead to a considerable drying delay!

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Drying times
(at 23 °C and 50 % rel. humidity)

Sandable and recoatable	3 hour(s)
Manipulable and stackable	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

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

Please follow our **ARL 130 - Working guidelines for coating various types of wood with solvent-based two-component PUR paints.**

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: Wood sanding Grit size 150 – 180

Softwoods: Wood sanding Grit size 120 - 150

COATING SYSTEM

Primer coat

1 x Aduro Vitea (2651)

Intermediate sanding

Sand the primed surface with grit size 280 – 320.

Avoid sanding straight through!

Intermediate sanding must be carried out immediately before the subsequent coating is applied in order to ensure good intermediate adhesion!

Topcoat

1 x Aduro Vitea (2651)

CLEANING AND MAINTENANCE

Cleaning and Maintenance

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

ORDERING INFORMATION

Size of trading unit

4 kg, 20 kg

Supplementary products

Clean-Möbelpflege Plus (7222)
Clean-Möbelreiniger (7202)
DD-Verdünner 8519 (8519)
PUR-Hardener 8439 (8439)
Waschverdünner 8501 (8501)

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

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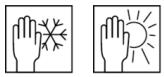
FURTHER DETAILS

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).

Technical specifications

Delivery viscosity: 23 – 26 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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