

## PUR-Naturmatt

2525

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

### PRODUCT DESCRIPTION

#### Product numbers

26132

#### General

Quick-drying two-component polyurethane clear coating based on acrylate resin to preserve the natural character of untreated wood. Very good chemical and good mechanical resistance, elegant matt effect, subdued grain accentuation and beautiful open-pored pattern. Can be applied "varnish on varnish".

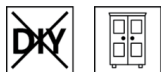
#### Special properties and standards



- **ÖNORM A 1605-12 (furniture surfaces)**  
**Confirmed by an external test certificate.**  
Resistance to chemical reactions: 1-B1  
Response to abrasion: 2-D ( $\geq 50$  U)  
Response to scratches: 4-D ( $\geq 1.0$  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  $\leq 150$  U)  
Part 4: Response to scratches: 4 E ( $> 0.5$  to  $\leq 1.0$  N)
- **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



For the coating of furniture and interior finishing exposed to normal levels of stress, bedroom suite and living room furniture: application areas III to IV according to ÖNORM A 1610-12.

Due to the dull matt surface effect not suitable for surfaces that are exposed to constant scratching or abrasion (danger of glossy surfaces).

Suitable for the coating of 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.

- PUR-Naturmatt (2525) already contains an optimum amount of light stabilizers as protection against yellowing, no further addition is permitted.
- 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.
- 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



10 Part(s) by weight PUR-Naturmatt (2525)  
1 Part(s) by weight PUR-Hardener 8429 (8429000210)

PUR-Naturmatt (2525) can only be used with a hardener and in the mixing ratio specified. Deviations lead to film and adhesion problems.

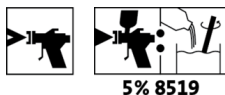
### Pot life



8 hour(s)

Mixed material can be used one more working day, but must be mixed 1:1 with freshly hardened material.

### 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 - 120		2 - 3
Vaporizer Air (bar)	-	1 - 2	-
Diluent	DD-Verdünner 8519 (8519)		
Diluent amount added (%)	-		5
Viscosity 4-mm-cup (s)	22		18
Applied quantity per application (g/m <sup>2</sup> )	80 - 120		
Total quantity applied (g/m <sup>2</sup> )	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!

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

Sandable and recoatable	1 hour(s)
Manipulable and stackable	12 hour(s)

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**

8519



8501

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 coatings.**

**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:** Grit size 150 - 180  
**Softwoods:** Grit size 100 - 150

**COATING SYSTEM****Primer coat**

1 x PUR-Naturmatt (2525)

**Intermediate sanding**

Sand the primed surface with grit size 240 – 320.

Remove sanding dust.

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 PUR-Naturmatt (2525)

**CLEANING AND MAINTENANCE****Cleaning and Maintenance**

Cleaning with Clean-Möbelreiniger (7202).

For very matt furniture surfaces, we strongly advise against the use of furniture care products such as oils, balms or polishes, as this can lead to glossy effects.

**ORDERING INFORMATION****Size of trading unit**

4 kg, 20 kg  
More sizes on request.

**Supplementary products**

Clean-Möbelreiniger (7202)  
DD-Verdünner 8519 (8519)

PUR-Hardener 8429 (8429)  
Waschverdünner 8501 (8501)

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

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## FURTHER DETAILS

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### 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).

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### Technical specifications

Delivery viscosity: 24 – 26 seconds according to DIN 53211  
(4 mm measuring cup, 20 °C)

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### 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](http://www.adler-lacke.com).

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