

## ADLER PUR-Naturmatt

26132

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

### PRODUCT DESCRIPTION

#### General

Fast-drying two-component polyurethane clear coat based on acrylate resins to preserve the natural character of untreated wood. Very good chemical and mechanical resistance, elegant matt effect, moderate wood accentuation and beautiful open-pored pattern.

#### Special properties and standards

- **ÖNORM A 1605-12** (furniture surfaces)  
Resistance to chemical reactions: 1-B1  
Response to abrasion: 2-D ( $\geq 50$  U)  
Response to scratches: 4-E ( $\geq 0.5$  N)
- **DIN 68861** (furniture surfaces)  
Part 1: Response to chemical stress: 1 B  
Part 2: Response to abrasion: 2 D (over 50 to 150 U)  
Part 4: Response to scratches: 4 E ( $> 0.5$  until  $\leq 1.0$  N)
- **EN 13501-1** (fire behavior) in combination with hardly inflammable wood chipboard - also veneered: B-s1,d0
- **French ordinance DEVL1104875A** regarding the marking of construction coating products for their emission of volatile pollutants: A+



#### Application areas



- For the coating of furniture and interior finishing exposed to normal levels of stress, such as bedroom and living room furnishings: Application areas III – IV in accordance with ÖNORM A 1610-12.
- Due to the dull matt surface effect, it is 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.

12-15 (supersedes 11-15) ZKL 2525

ADLER-Werk Lackfabrik, A-6130 Schwaz

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Our instructions for use are based on knowledge available currently and shall guide the buyer/user to the best of one's knowledge, but, however, must be clarified for the areas of application and processing conditions on a case-to-case basis. The buyer/user is responsible for deciding on the suitability and use of the delivered product, which is why it is recommended to produce a sample to check the suitability of the product. Otherwise our General Terms of Sale apply. All previous data sheets are rendered invalid with the issue of this one. Rights reserved for the modification of the container sizes, colour shades and degrees of gloss available.

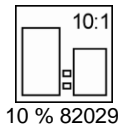
## PROCESSING

### Instructions for use



- Please stir the product before use.
- ADLER PUR-Naturmatt 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.
- Please observe our “**Working guidelines for PUR furniture paints**”.

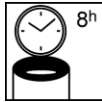
### Blending ratio



10 parts by weight of ADLER PUR-Naturmatt 26132  
1 part by weight of ADLER PUR-Härter 82029

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

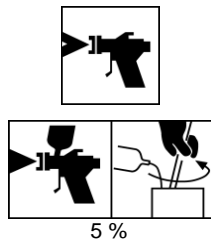
### Pot life



1 working day

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

### Application technique



Application method	Airless	Airless air-supported (Airmix, Aircoat, etc.)	Cup gun
Spray nozzle (ø mm)	0.23 - 0.28	0.23 - 0.28	1.8
Spraying pressure (bar)	100 - 120	100 - 120	3 - 4
Atomized air (bar)	-	1 - 2	-
Thinner	ADLER DD-Verdünnung 80019		
Thinner amount added in %	-	-	5
Viscosity (s) 4-mm-cup, 20°C	22	22	18
Application quantity per application (g/m <sup>2</sup> )	approx. 80 - 120; total quantity applied max. 250		

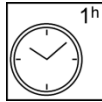
#### The product is ready to spray.

The shape, the properties and moisture of the substrate affect the consumption/yield. 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!

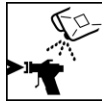
**Drying times**

(at 23 °C and 50 % rel. humidity)



Sandable and recoatable	after approx. 1 hour
Manipulable and stackable	drying overnight

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 ADLER DD-Verdünnung 80019 or ADLER Waschverdünnung 80077.

**SUBSTRATE****Type of substrate**

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

Please observe our **“Working guidelines for PUR furniture 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.

**Preparation of the substrate**

**Hardwoods:** wood sanding with grit size 150 - 180

**Softwoods:** wood sanding with grit size 100 - 150

**COATING SYSTEM****Primer**

1 x ADLER PUR-Naturmatt 26132

**Intermediate sanding**

Sand primed surface with grit size 240 - 320.

Avoid sanding straight through! Remove wood dust.

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

**Topcoat**

1 x ADLER PUR-Naturmatt 26132

**MAINTENANCE OF THE COMPLETE COATING SYSTEM****Cleaning and maintenance**

Cleaning with ADLER Clean-Möbelreiniger 96490.

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.

Please observe the relative technical data sheets of the products.

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

4 kg, 20 kg; more sizes on request

**Supplementary products**

ADLER PUR-Härter 82029

ADLER DD-Verdünnung 80019

ADLER Waschverdünnung 80077

ADLER Clean-Möbelreiniger 96490

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**FURTHER DETAILS**


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**Durability / storage**

At least 1 year in the original sealed containers.

Make sure the product is protected against moisture, direct sunlight and high temperatures (above 30 °C).

**Technical specifications**

Delivery viscosity	approx. 25 s in accordance with DIN 53211 (4-mm-cup, 20°C)
Mixing viscosity	approx. 22 s in accordance with DIN 53211 (4-mm-cup, 20°C)

**Safety-related information**

Please pay attention to the associated safety data sheet. The current version can be accessed on the Internet at **[www.adler-lacke.com](http://www.adler-lacke.com)**.

The product is only suitable for industrial and professional use.

In general, inhaling paint aerosols must be avoided. This is ensured by correctly using a respiratory mask (combination filter A2/P2 – EN 141/EN 143).

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