

## Aduro PUR-Glanzlack

2632000100

Solvent-based transparent **2K polyurethane high gloss topcoat** for furniture and interior finishing for industrial and professional use

### PRODUCT DESCRIPTION

#### General

Solvent-based transparent **2K polyurethane furniture finish for high-gloss coating systems**. Quick drying, high gloss and excellent brilliance, very good mechanical and chemical resistance, high filling power; polishable and buffable.

#### 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)  
Flame treatment: 5-B (difficult to ignite furniture surface)
- **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)
- **ÖNORM A 3800-1** (fire behaviour) in conjunction with a flame-retardant substrate: flame-retardant (formerly B 1 acc. to B 3800 -1), Q1, Tr 1
- Highly non-combustible coating material for sea-going vessels (complying with **SOLAS 74/88** Chapter II-2)
- **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 tabletops and shelves in the home, fronts and permanently visible areas, surfaces used on seating furniture and not permanently visible areas: Application areas III – IV in accordance with ÖNORM A 1610-12. Application in combination with a suitable primer system.
- For highly non-flammable or flame-retardant structures.
- The product is suitable for the coating of surfaces bleached with hydrogen peroxide.

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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 purchaser / user decides about the acceptance and use of the delivered product at his / her own risk, which is why we recommend that a sample piece be prepared to check the acceptability of the product. Our general terms and conditions of sale are otherwise applicable. 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

- Considerably increased temperature and/or low atmospheric humidity will accelerate the drying, whereby flow and degasification can be negatively influenced. In these cases we recommend the addition of 10 % ADLER Verzögerer 8131000210 instead of ADLER DD-Verdünnung 80019.
- The application quantity is 2 x 100 g/m<sup>2</sup> for coating structures on sea-going vessels.
- Regarding the coating of interior fittings on ships the flame-retardant surface material must not be used on pipes, pipe covers and cables.
- Please observe our “**Working guidelines for PUR furniture paints**” as well our “**Working guidelines for high gloss coating**”.

### Mixing ratio



8237 000210

3 parts by weight Aduro PUR-Glanzlack 2632000100  
1 part by weight of ADLER PUR-Härter 8237000210

Aduro PUR-Glanzlack can only be used with ADLER PUR-Härter 8237000210 and in the mixing ratio specified. Deviations lead to film and adhesion problems.

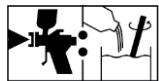
### Pot life



4 hours

A further extension of the pot life is not possible. Increased temperatures reduce the pot life.

### Application technique



0-10% 80019



Application method	Airless air-supported (Airmix, Aircoat, etc.)	Compressed air spraying, cup gun
Spraying nozzle (ø mm)	0.23 - 0.28	1.5 – 1.8
Spraying pressure (bar)	approx. 100	3.0 - 4.0
Atomized air (bar)	1.5	-
Dilution (thinning)	ADLER DD-Verdünnung 80019	
Addition of thinner in %	-	0 - 10 %
Viscosity (s) (4-mm cup, 20°C)	approx. 16	approx. 15
Application quantity per application (g/m <sup>2</sup> )	approx. 80 - 100 g	

The shape, properties and moisture of the substrate affect the consumption/yield. Accurate values for consumption must be obtained by applying trial coats in advance.

### Drying times

(at 23 °C and 50 % rel. humidity)



Recoatable	after approx. 30 min.
Manipulable	drying overnight
Sandable and buffable	after 24 hrs to max. 3 days

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.

**COATING SYSTEM****Primer coat****Transparent coating system:**

ADLER PUR-Füllgrund HT 2530000200  
Intermediate sanding with grit size 280 - 360

**Pigmented coatings system:**

ADLER Pigmpur 24005 ff in the desired colour shade (with primer coat, closed pore), drying time at room temperature min. 1 hour to max. 8 hours without intermediate sanding.

Please observe the relative technical data sheets of the products.

**Intermediate sanding****Transparent coating system:**

Grit size 360 – 500  
Intermediate sanding must be carried out immediately before the subsequent coating is applied in order to ensure good intermediate adhesion.

**Pigmented coatings system:**

No intermediate sanding is necessary when overcoating ADLER Pigmpur 24005 ff with Aduro PUR-Glanzlack.

Intermediate drying: max. 8 hours

**Topcoat**

2 x Aduro PUR-Glanzlack 2632000100  
No intermediate sanding.  
Intermediate drying: approx. 20 - 60 min.

**Post-treatment (sanding, polishing, buffing)**

After a minimum of 24 h (max. 3 days) drying at room temperature the resulting surfaces are well polishable/buffable.

**CLEANING & CARE****Cleaning and care**

Cleaning with ADLER Clean Möbelreiniger 96490.  
Please observe the relative technical data sheets of the products.

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

3 kg, 18 kg

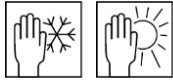
**Supplementary products**

ADLER PUR-Härter 8237000210  
ADLER DD-Verdünnung 80019  
ADLER Verzögerer 8131000210  
ADLER Pigmpur 24005 ff  
ADLER PUR-Füllgrund HT 2530000200  
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, frost and high temperatures (above 30 °C).

**Technical specifications**

Delivery viscosity	approx. 15 s in accordance with DIN 53211 (4-mm cup, 20°C)
Mixing viscosity	approx. 16 s in accordance with DIN 53211 (4-mm cup, 20°C)

**Safety-relevant information**

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).

The product is only suitable for industrial and professional use.

Inhaling paint aerosols whilst spraying must generally be avoided. This is ensured by correctly using a respiratory mask (combination filter A2/P2 – EN 141/EN 143).

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