

Aduro High-Gloss

2634

Solvent-based colourless 2K polyurethane high gloss coat for furniture and interior finishing for industrial and professional use

PRODUCT DESCRIPTION

Product numbers

2634000100

General

Solvent-based, colorless 2-component furniture polyurethane topcoat for high-gloss finishes. Fast 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 (≥ 50 U)
Response to scratches: 4-E (≥ 0.5 N)
Flame treatment: 5-B (highly non-flammable furniture surfaces)



- **DIN 68861 (furniture surfaces)**
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 E (> 0.5 to ≤ 1.0 N)

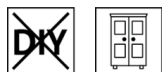


- **ÖNORM A 3800-1 (fire behaviour)**
In conjunction with a flame-retardant substrate:
flame-retardant, Q1, Tr 1



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

Application area

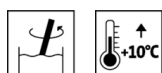


For the coating of furniture and interior finishing exposed to normal levels of stress, such as tabletops and shelves in the home, fronts and permanently visible areas, surfaces used on seating furniture and not permanently visible areas: Application areas III – IV according to ÖNORM A 1610-12. Application in combination with a suitable primer system.

For hardly inflammable or flame-retardant coating systems.

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.

- 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 % Verzögerer Pigmpur Gloss NG (8131) in place of DD-Verdünner 8519 (8519).
- Please refer to the corresponding technical data sheets of the products.
- 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 observe our **ARL 131 - Working guidelines for PUR furniture paints** and the **ARL 133 - working guidelines for the colourless high gloss paint**.

Blending ratio



3 Part(s) by weight Aduro High-Gloss (2634)
 1 Part(s) by weight PUR-Hardener 8420 S (8420000210)

When used on surfaces bleached with hydrogen peroxide, Aduro High-Gloss (2634) must be hardened with PUR-Hardener 8419 (8419).

3 weight part(s) Aduro High-Gloss (2634)
 1 weight part(s) PUR-Hardener 8419 (8419000210)

Aduro High-Gloss (2634) can only be used with a hardener and in the mixing ratio specified. Deviations lead to film and adhesion problems.

Pot life



4 hour(s)

A further extension of the pot life is not possible.

Increased temperatures reduce the pot life.

Application technique



	Airless air-supported (Airmix®, Aircoat, etc.)	Cup gun
Spraying nozzle Ø (mm)	0,23 - 0,28	1,5 - 1,8
Spraying pressure (bar)	100	2,5 - 3,0
Vaporizer Air (bar)	1,5	-
Diluent	DD-Verdünner 8519 (8519)	
Diluent amount added (%)	-	0 - 10
Viscosity 4-mm-cup (s)	13	
Applied quantity per application (g/m ²)	80 - 100	

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)



Recoatable	10 minutes
Manipulable	12 hour(s)
Sandable and buffable	min. 24 hours 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

8519



8501

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

COATING SYSTEM**Primer coat****Colourless:**

Aduro Füllgrund HT (2530)

Intermediate sanding Grit size 280 – 360

Pigmented:

Pigmopur G50 (2406) in the desired colour (with primer coat, closed pore), drying time at room temperature
min. 1 hour to max. 8 hours without intermediate sanding.

Intermediate sanding**Colourless:**

Step grind 360 / 500 / 600

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

Pigmented:

On Pigmopur G50 (2406) Aduro High-Gloss (2634) is applied without intermediate sanding.

Intermediate drying: max. 8 hour(s)

Topcoat

2 x Aduro High-Gloss (2634)

No intermediate sanding.

Intermediate drying: approx. 10 - 30 minutes

Finishing treatment (sanding, polishing, buffing)

The resulting surfaces can be easily buffed and polished after at least 24 hours (max. 3 days) of drying at room temperature.

CLEANING AND MAINTENANCE**Cleaning and Maintenance**

Cleaning with Clean-Möbelreiniger (7202).

ORDERING INFORMATION**Size of trading unit**

3 kg, 18 kg

Supplementary products

Clean-Möbelreiniger (7202)
DD-Verdünner 8519 (8519)
Pigmopur G50 (2406)
Aduro Füllgrund HT (2530)

PUR-Hardener 8419 (8419)
PUR-Hardener 8420 S (8420)
Verzögerer Pigmpur Gloss NG (8131)

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

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: 12 – 14 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.