

Aduro Pigmpopur Gloss IQ

2436

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

PRODUCT DESCRIPTION

General

Solvent-based, pigmented two-component furniture polyurethane topcoat for high-gloss finishes. Fast drying, high gloss and excellent brilliance, very good mechanical and chemical resistance, high filling power.

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 EN 71-3**
Safety of toys; migration of certain elements (free of heavy metals)



- **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

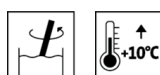


For the coating of furniture and interior finishing exposed to normal levels of stress, bedroom suite and living room furniture: application areas III to IV according to ÖNORM A 1610-12.

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 Pigmpopur Gloss NG (8131) in place of DD-Verdünner 8519 (8519).

- 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 coatings** and **ARL 134 - Working guidelines for high-gloss coating of coloured opaque coatings**.

Blending ratio



4 part(s) by weight or by volume Aduro Pigmpopur Gloss IQ (2436)
1 part(s) by weight or by volume PUR-Hardener 8418 (8418000210)

Aduro Pigmpopur Gloss IQ (2436) can only be used with a hardener and in the mixing ratio specified. Deviations lead to film and adhesion problems.

Pot life

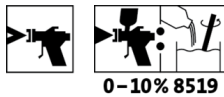


3 hour(s)

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
Applying device	-	Druckbecherpistole
Spraying nozzle Ø (mm)	0,23 - 0,28	1,4 - 1,7
Spraying pressure (bar)	90 - 120	2,5 - 3,0
Vaporizer Air (bar)	1,5 - 2,5	-
Diluent	DD-Verdünner 8519 (8519)	
Diluent amount added (%)	-	0 - 10 %
Viscosity 4-mm-cup (s)	18	16
Applied quantity per application (g/m ²)	100 - 130	

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	1 hour(s)
Manipulable	12 hour(s)
Sandable and buffable	Room temperature: after min. 24 hour(s); recommended: after 3 days Forced drying (40 - 50 °C): after approx. 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-Verdüner 8519 (8519) or Waschverdünner (8501) immediately after use.

SUBSTRATE

Type of substrate

Solid wood, chipboard or wood fibre materials suitable for opaque varnishing, veneered or coated with priming film.

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.

COATING SYSTEM

Primer coat

For closed-pore surfaces

Carrier plates coated with priming film: (sharp sanding of the film with 240 grit) a single spray application with PUR-Ecofill (2416) or Aduro Ecofill Smart (2317) is beneficial.

Solid wood or chipboard panels veneered with blind veneer (e. g. beech):

2 - 3 x

primed with PUR-Ecofill (2416) or Aduro Ecofill Smart (2317) Intermediate sanding Grit size 280 – 360

MDF panels:

insulated with Aduro Isoliergrund (2502) or Aduro Legnopur (2513)

2 - 3 x primed with PUR-Ecofill (2416) or Aduro Ecofill Smart (2317)

Intermediate sanding Grit size 280 – 360

Alternatively, PUR-Ecofill (2416) or Aduro Ecofill Smart (2317) can be used directly on MDF boards of good quality and with a high moulded density (e.g. on 19-mm boards greater than 700 kg/m³).

Intermediate sanding



Grit size 360 – 500

Remove sanding dust.

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

Topcoat

2 x Aduro Pigmpur Gloss IQ (2436) in the desired colour

No intermediate sanding.

Intermediate drying time: min. 10 minute(s), max. 5 hour(s).

Finishing treatment (sanding, polishing, buffing)

After a minimum of 24 hours drying at room temperature or 12 hours at 40 - 50 °C the resulting surfaces are well polishable/buffable. For good stability we recommend a drying time of 3 days before buffing and polishing.

CLEANING AND MAINTENANCE

Cleaning and maintenance

Cleaning with Clean-Möbelreiniger (7202).

ORDERING INFORMATION

Size of trading unit

4kg, 20 kg

Colour shades

Standard colour(s):

W10 Weiß, tönbar (2436000010)

Schwarz (2436500001)

Base paint(s):

Aduro Pigmpur Gloss IQ W10 Weiß, tönbar (2436000010)

Aduro Pigmpur Gloss IQ Basis W30 (2436000030)

RAL-shades, NCS-shades, etc. are available as special productions.

In order to ensure uniformity of the colour shade, use only material having the same batch number on a given commission.

It is recommended to prepare a trial colour sample on the original substrate using the coating system selected in order to assess the final colour shade.

Supplementary products

Aduro Ecofill Smart (2317)

Aduro Isoliergrund (2502)

Aduro Legnopur (2513)

Clean-Möbelreiniger (7202)

DD-Verdünner 8519 (8519)

PUR-Ecofill (2416)

PUR-Hardener 8418 (8418)

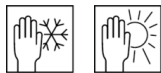
Verzögerer Pigmpur Gloss NG (8131)

Waschverdünner 8501 (8501)

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: 21 - 25 seconds according to DIN 53211
(4 mm measuring cup, 20 °C)

Safety information



The product is only suitable for industrial 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.