

Aduro Pigmentlack Stumpfmatt

2481

Solvent-based two-component polyurethane pigment coating for furniture surfaces for industrial use

PRODUCT DESCRIPTION

General

Solvent-based two-component furniture polyurethane pigment coating based on acrylate resin with very good mechanical and chemical resistance; very good gloss behavior; excellent light fastness.

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-D (≥ 1.0 N)
Flame treatment: 5-B (hardly inflammable furniture surface)



- **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 D ($> 1,0$ to $\leq 1,5$ N)



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



- **DIN 53160-1 and DIN 53160-2**
Perspiration and saliva-proof properties



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



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

Application area

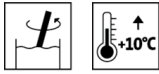


For coating heavily used surfaces in furniture and interior design, e.g. storage surfaces in kitchens and living areas, bathrooms, offices and commercial areas, fronts and permanently visible surfaces, used surfaces of seating furniture and surfaces that are not permanently visible (except table tops). Application areas II to IV in accordance with 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.
- For highly stressed surfaces (tables, chairs, etc.), we basically recommend the application of Pigmotop (2514). Thereby you can achieve surfaces, which are resistant to ring indentation and highly resistant to mechanical stress.
- 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



5 part(s) by weight or by volume Aduro Pigmentlack Stumpfmatt (2481)
1 part(s) by weight or by volume PUR-Hardener 8424 (8424000210)

Aduro Pigmentlack Stumpfmatt (2481) can only be used with a hardener and in the mixing ratio specified. Deviations lead to film and adhesion problems.

Pot life

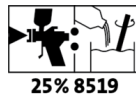
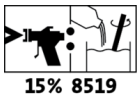


5 hour(s)

A further extension of the pot life is not possible.

Increased temperatures reduce the pot life.

Application technique



	Airless	Airless air-supported (Airmix®, Aircoat, etc.)	Cup gun
Spraying nozzle Ø (mm)		0,28 - 0,33	1,8
Spraying pressure (bar)		100 - 120	2 - 3
Vaporizer Air (bar)	-	1 - 2	-
Diluent	DD-Verdünner 8519 (8519)		
Diluent amount added (%)		15	25
Viscosity 4-mm-cup (s)		25	20
Applied quantity per application (g/m ²)	130 - 180		
Total quantity applied (g/m ²)	max. 400		

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)



Sandable and recoatable	3 hour(s)
Manipulable and stackable	12 hour(s)

In order to improve the firmness of the subsequent coating, we recommend drying overnight at room temperature.

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 Waschverdünner (8501) immediately after use.



8501

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.

Substrate preparation

Sanding Grit size 150 – 180

Carrier plates coated with priming film: Sanding Grit size 180 – 220

COATING SYSTEM**Primer coat****For closed-pore coating 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, raw chipboard or chipboard panels veneered with blind veneer:

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

MDF panels:

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

1 – 2 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 280 – 400

Remove sanding dust.

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

Avoid sanding straight through!

Topcoat



1 x Aduro Pigmentlack Stumpfmatt (2481) in the desired colour

CLEANING AND MAINTENANCE**Cleaning and Maintenance**

Cleaning with Clean-Möbelreiniger (7202) and care with Clean-Möbelpflege Plus (7222).

ORDERING INFORMATION**Size of trading unit**

20 kg

Colour shades	Standard colour(s): W10 Weiß, tönbar (2481000010) Other colour shades on request
Supplementary products	Aduro Ecofill Smart (2317) Aduro Isoliergrund (2502) Aduro Legnopur (2513) Clean-Möbelpflege Plus (7222) Clean-Möbelreiniger (7202) DD-Verdünner 8519 (8519) Pigmotop (2514) PUR-Ecofill (2416) PUR-Hardener 8424 (8424) 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: 60 - 70 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 .