

## Aduro Pigmopur Plus G50

2475

High-quality, solvent-based polyurethane **pigmented paint** for **furniture surfaces, for use in industry and trade**

### PRODUCT DESCRIPTION

#### General

Solvent-based, 2C polyurethane pigmented paint for furniture, free from aromatic hydrocarbons and formulated with acrylate resin, has very good mechanical and chemical resistance, outstanding lightfastness and creates a distinct pore pattern; good stability on vertical surfaces and very good resistance to ring indentation.

#### 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-D ( $\geq 1.0$  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  $\leq 150$  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



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

#### Application area

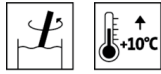


For coating heavily used surfaces in furniture and interior design, e.g. storage surfaces in kitchens and living areas, bathrooms, offices and commercial areas, fronts and permanently visible surfaces, used surfaces of seating furniture and surfaces that are not permanently visible (except table tops). 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 surfaces that are subject to heavy wear (tables, chairs, etc.) we generally recommend the application of a topcoat of a suitable, lightfast, colourless 2C PUR varnish such as Pigmotop (2514) or Aduro Legnopur (2513) because this results in very durable surfaces with excellent ring test resistance and mechanical resistance. Intermediate drying: at least 5 hours, up to 24 hours maximum, without intermediate sanding.
- 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



10 part(s) by weight or by volume Aduro Pigmpur Plus G50 (2475)  
1 part(s) by weight or by volume PUR-Hardener 8419 (8419000210)

Aduro Pigmpur Plus G50 (2475) can only be used with a hardener and in the mixing ratio specified. Deviations lead to film and adhesion problems.

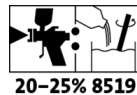
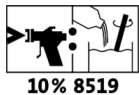
### Pot life



**With PUR-Hardener 8419 (8419000210): 8 hour(s)**

Mixed material must be mixed 1:1 with freshly hardened material. A further extension of the pot life is not possible.

### 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-Verdüner (8519) / PUR-Verdüner (8529)		
Diluent amount added (%)	10		20 - 25
Viscosity 4-mm-cup (s)	25		20
Applied quantity per application (g/m²)	150 - 200		
Total quantity applied (g/m²)	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

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

(at 23 °C and 50 % rel. humidity)



In order to improve the firmness of the subsequent coating, we recommend drying overnight at room temperature. The figures given above are reference values.

Drying depends on the substrate, layer thickness, temperature, air exchange, relative humidity, stacking pressure and stacking conditions.

### Cleaning the working equipment



8519



8501

With DD-Verdünnern 8519 (8519) or Waschverdünnern (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.

### Substrate preparation

Sanding Grit size 150 – 180

**Carrier plates coated with priming film:** Sanding Grit size 180 - 240

## 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:

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/m<sup>3</sup>).

#### For open-pore coating surfaces

1 x 200 g/m<sup>2</sup> Aduro Pigmpur Plus G50 (2475) in the desired colour

Drying overnight at room temperature.

### Intermediate sanding



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 Pigmpur Plus G50 (2475) 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

1 kg, 4 kg, 20 kg; 3 kg (only base colours)

### Colour shades / Glosslevels

Aduro Pigmopur Plus G50 W10 Weiß, tönbar (2475000010)  
 Aduro Pigmopur Plus G50 RAL9010 Reinweiß (2475009010)  
 Aduro Pigmopur Plus G50 RAL9016 Verkehrsweiß (2475009016)  
 Aduro Pigmopur Plus G50 Schwarz (2475040922)

As well as White, 12 further base colours are available for mixing special colours. (Other) colour shades are available as special productions.

### Supplementary products

Aduro Ecofill Smart (2317)  
 Aduro Legnopur (2513)  
 Clean-Möbelpflege Plus (7222)  
 Clean-Möbelreiniger (7202)  
 Aduro Isoliergrund (2502)  
 DD-Verdünner 8519 (8519)  
 Pigmotop (2514)  
 PUR-Ecofill (2416)  
 PUR-Hardener 8419 (8419)  
 PUR-Verdünner 8529 (8529)  
 Waschverdünner 8501 (8501)

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

## FURTHER DETAILS

### Durability / storage



Min. 3 year(s) in the original sealed containers.

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

Close opened containers well and use up the content as soon as possible.

### Technical specifications

Delivery viscosity: 45 second – 55 second 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](http://www.adler-lacke.com).