

## Aduro Primer

2523

Solvent-based two-component polyurethane basecoat for furniture and interior finishing for industrial and professional use

### PRODUCT DESCRIPTION

#### Product numbers

2523000210

#### General

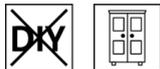
Quick-drying, high-build two-component PUR primer based on acrylate resin with very good grain accentuation and good sandability. Can be painted over with water-based lacquers. The product roughens the wood surface less than water-based primers; this reduces the amount of work required for intermediate sanding. Aduro Primer does not activate water-soluble wood constituents (e.g. in the case of woods rich in tannins such as oak or larch); the associated discolouration problems do not occur. Contains light stabilisers.

#### Special properties and standards



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

#### Application area



Primer for transparent coating structures in furniture and interior finishing. Suitable for the coating of surfaces bleached with hydrogen peroxide. Application in combination with a suitable topcoat system. The area of application depends on the processing of the product and the topcoat system selected.

### 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.
- 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 Aduro Primer (2523)  
1 Part(s) by weight PUR-Hardener 8419 (8419000210)

Aduro Primer (2523) can only be used with a hardener and in the mixing ratio specified. Deviations lead to film and adhesion problems.

**Pot life**



8 hour(s)

Mixed material from the previous day must be mixed 1:1 with freshly hardened material. Increased temperatures reduce the pot life. A further extension of the pot life is not possible.

**Application technique**



0-5% 8519



10-15% 8519

	Airless	Airless air-supported (Airmix®, Aircoat, etc.)	Cup gun
Spraying nozzle Ø (mm)		0,23 - 0,28	1,8
Spraying pressure (bar)		100 - 120	2 - 3
Vaporizer Air (bar)	-	1 - 2	-
Diluent	DD-Verdünner 8519 (8519)		
Diluent amount added (%)		0 - 5	10 - 15
Viscosity 4-mm-cup (s)		30 - 32	18 - 20
Applied quantity per application (g/m <sup>2</sup> )		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)



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

Lower temperatures and/or high level of atmospheric humidity can increase the drying time.

**Cleaning the working equipment**



8519



8501



8519



8529

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

With DD-Verdünner 8519 (8519) or PUR-Verdünner 8529 (8529) immediately after use.

**SUBSTRATE**

**Type of substrate**

Hard and softwood (solid wood-, veneer-, (coated) chipboard-, wood fibre boards)

**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**

**Hardwoods:** Wood sanding Grit size 150 – 180

**Softwoods:** Wood sanding Grit size 100 – 150

## COATING SYSTEM

<b>Primer coat</b>	1 – 2 x Aduro Primer (2523)
<b>Intermediate sanding</b>	Grit size 280 – 320 Intermediate sanding must be carried out immediately before the subsequent coating is applied in order to ensure good intermediate adhesion! Sanding straight through must be avoided, as this may lead to differences in the grain accentuation, which are further increased by yellowing with aging.
<b>Topcoat</b>	1 x coating with water-based clear coats such as Bluefin Unistar (2965), Bluefin Resist (2963) etc. Overcoating with solvent-based 2-component PUR coatings is also possible.

## CLEANING AND MAINTENANCE

<b>Cleaning and Maintenance</b>	Cleaning with Clean-Möbelreiniger (7202) and care with Clean-Möbelpflege Plus (7222).
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## ORDERING INFORMATION

<b>Size of trading unit</b>	4 kg, 20 kg
<b>Supplementary products</b>	Bluefin Resist (2963) Bluefin Unistar (2965) Clean-Möbelpflege Plus (7222) Clean-Möbelreiniger (7202) DD-Verdünner 8519 (8519) PUR-Hardener 8419 (8419) Please refer to the corresponding technical data sheets of the products.

## FURTHER DETAILS

<b>Durability / storage</b>	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).
 	
<b>Technical specifications</b>	Delivery viscosity: 32 – 38 seconds according to DIN 53211 (4 mm measuring cup, 20 °C)

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## 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).

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