

## Aduro Simply1Metallic

2430

Solvent-based metallic paint for furniture surfaces for industrial and professional use

### PRODUCT DESCRIPTION

#### General

Solvent-based 2K metallic coating with a structure for furniture surfaces. Very good mechanical and chemical resistance and excellent light fastness.

#### Special properties and standards



- **ÖNORM A 1605-12A (furniture surfaces)**  
Resistance to chemical reactions: 1-B1  
Flame treatment: 5-B (highly non-flammable furniture surfaces)



- **DIN 68861 (furniture surfaces)**  
Part 1: Response to chemical stress: 1 B

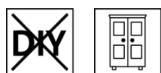


- **ÖNORM A 3800-1 (fire behaviour)**  
In conjunction with a flame-retardant substrate:  
flame-retardant, Q1, Tr 1



- **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 shelves in the home, fronts and permanently visible areas, surfaces used on seating furniture and not permanently visible areas (except for table tops). Application areas III – IV according to ÖNORM A 1610-12.

### PROCESSING

#### Processing instructions



- Please stir product well before and during use.
- To achieve a uniform appearance, we recommend manufacturing the front surfaces of one commission in the same operation.
- If a different gloss level is required (G10 to G90), after a drying time (room temperature) of at least 6 and a maximum of 24 hours without intermediate sanding, spray with a suitable spray coating (e.g. Aduro Legnopur (2513)) in the desired gloss level. The structure effect is slightly reduced by coating.
- To achieve the highest chemical resistance and "ring test"-resistant surfaces, we recommend coating with Aduro Legnopur (2513) in the desired gloss level.

- 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



100 part(s) by weight or by volume Aduro Simply1Metallic (2430)  
10 part(s) by weight or by volume PUR-Hardener 8419 (8419000210)

Aduro Simply1Metallic (2430) can only be used with a hardener and in the mixing ratio specified. Deviations lead to film and adhesion problems.

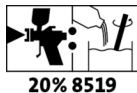
### Pot life



8 hour(s)

A further extension of the pot life is not possible.

### Application technique



|  | Cup gun           |
|--|-------------------|
| Spraying nozzle Ø (mm)                               | 1,4 - 1,8         |
| Spraying pressure (bar)                              | 2 - 3             |
| Diluent  | DD-Verdünner 8519 |
| Diluent amount added (%)                             | 20                |
| Viscosity 4-mm-cup (s)                               | 18                |
| Applied quantity per application (g/m <sup>2</sup> ) | 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

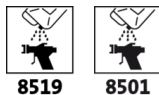
(at 23 °C and 50 % rel. humidity)



|                           |                    |
|---------------------------|--------------------|
| Recoatable                | approx. 6 hour(s)  |
| Manipulable and stackable | 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



With DD-Verdünner 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.

### Substrate preparation

sanding with grit size 150 - 180

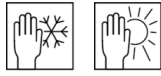
**Carrier plates coated with priming film:** Sanding Grit size 180 – 220

## COATING SYSTEM

|                                 |   |
|---------------------------------|---|
| <b>Primer coat</b>              | <p><b>For closed-pore coating surfaces</b></p> <p><b>Carrier plates coated with priming film:</b><br/>(sharp sanding of the film with 240 grit)<br/>a single spray application with PUR-Ecofill (2416) or Aduro Ecofill Smart (2317) is beneficial.</p> <p><b>Solid wood, raw chipboard or chipboard panels veneered with blind veneer:</b><br/>2 x primed with PUR-Ecofill (2416) or Aduro Ecofill Smart (2317)<br/>Intermediate sanding Grit size 280 – 360</p> <p><b>MDF panels:</b><br/>insulated with Aduro Isoliergrund (2502) or Aduro Legnopur (2513)<br/>1 – 2 x primed with PUR-Ecofill (2416) or Aduro Ecofill Smart (2317)<br/>Intermediate sanding Grit size 280 – 360</p> |
| <b>Intermediate sanding</b>     | <p>Intermediate sanding Grit size 280 – 400</p> <p>Intermediate sanding must be carried out immediately before the subsequent coating is applied in order to ensure good intermediate adhesion!</p> <p>Avoid sanding straight through!</p>  |
| <b>Effect coating</b>           | 1 x Aduro Simply1Metallic (2430)  |
| <b>Intermediate drying time</b> | approx. 6 hour(s) at room temperature   |
| <b>Topcoat (optional)</b>       | <p>No intermediate sanding.</p> <p>1 x Aduro Legnopur (2513) in the desired gloss level</p>   |
| <b>CLEANING AND MAINTENANCE</b> |   |
| <b>Cleaning and Maintenance</b> | Cleaning with Clean-Möbelreiniger (7202) and care with Clean-Möbelpflege Plus (7222).   |
| <b>ORDERING INFORMATION</b>     |   |
| <b>Size of trading unit</b>     | 1 kg  |
| <b>Colour shades</b>            | <p><b>Standard colour(s):</b><br/>Base (2430081708)<br/>Weißaluminium RAL9006 (2430081709)<br/>Graualuminium RAL9007 (2430081710)</p>   |
| <b>Supplementary products</b>   | <p>Aduro Ecofill Smart (2317)<br/>Clean-Möbelpflege Plus (7222)<br/>Clean-Möbelreiniger (7202)<br/>DD-Isoliergrund (25103)<br/>DD-Verdünner 8519 (8519)<br/>Aduro Legnopur (2513)<br/>PUR-Ecofill (2416)<br/>PUR-Hardener 8419 (8419)</p> <p>Please refer to the corresponding technical data sheets of the products.</p>   |

## 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: 25 – 30 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](http://www.adler-lacke.com).