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Technical data sheet

ADLER
Paint runs through our veins.

Aduro Softmatt 2633000105

Solvent-based 2-component polyurethane matt coating for **furniture and interior finishing** for **industrial and professional use**

PRODUCT DESCRIPTION

General

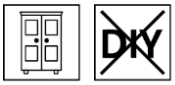
Solvent-based, transparent 2-component polyurethane matt coating with very goog mechanical and chemicals resistance for deep matt surfaces; excellent resistance to scratches and pleasant touch. The product is lightfast and contains light protection agents which protect the wood substrate and any stains used against premature yellowing or fading. The product is formulated without the addition of aromatic solvents.

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 up to 150 U)
  Part 4: Response to scratches: 4 D (> 1,0 bis ≤ 1,5 N)
- **ÖNORM A 3800-1** (fire behaviour) in conjunction with a flame-retardant substrate:
  flame-retardant (formerly B 1 acc. to B 3800 -1), Q1, Tr 1
- **DIN 53160-1 and 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** regarding the marking of construction coating products for their emission of volatile pollutants: A+

Application areas



- For the coating of furniture and interior finishing exposed to high levels of stress, such as tabletops and shelves in the kitchen and living area, bathrooms, offices and in the contract sector, fronts and permanently visible areas, surfaces used on seating furniture and not permanently visible areas. Application areas II – IV in accordance with ÖNORM A 1610-12.
- For the production of deep matt, very scratch-resistant coatings in the entire interior finishing.
- Can be used as a topcoat on approved primers.
- Can be used as topcoat on pigmented paints such as ADLER Pigmopur 24005 ff.

02-19 ZKL 2633

ADLER-Werk Lackfabrik, A-6130 Schwaz
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Our instructions for use are based on knowledge available currently and shall guide the buyer/user to the best of one's knowledge, but, however, must be clarified for the areas of application and processing conditions on a case-to-case basis. The buyer/user is responsible for deciding on the suitability and use of the delivered product, which is why it is recommended to produce a sample to check the suitability of the product. Otherwise our General Terms of Sale apply. All previous data sheets are rendered invalid with the issue of this one. Rights reserved for the modification of the container sizes, colour shades and degrees of gloss available.

- Aduro Softmatt can also be used “varnish on varnish” on veneered panels and solid wood.
- Suitable for the coating of surfaces bleached with hydrogen peroxide.
- For hardly inflammable or flame-retardant coating systems.
- Please observe the relative technical data sheets of the products.

PROCESSING

Instructions for use

- Please stir the product before use.
- Please observe our “**Working guidelines for PUR furniture paints”.**

Blending ratio

3 parts by weight Aduro Softmatt 2633000105
1 part by weight of ADLER PUR-Härter 82017

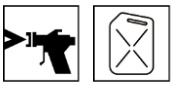
Aduro Softmatt 2633000105 can only be used with a hardener and in the mixing ratio specified. Deviations lead to film and adhesion problems.

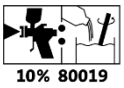
Pot life

8 hours

Increased temperatures reduce the pot life. A further extension of the pot life is not possible.

Application technique





Application method	Airless	Airless air-supported (Airmix, Aircoat, etc.)	Cup gun
Spray nozzle (ø mm)	0.23 - 0.28	0.23 - 0.28	1.8
Spraying pressure (bar)	100 - 120	100 - 120	2 - 3
Atomized air (bar)	-	1 - 2	-
Thinner	ADLER DD-Verdünnung 80019 or ADLER PUR-Verdünnung 80029		
Thinner amount added in %	-	-	approx. 10
Viscosity (s) 4-mm-cup, 20°C	21	21	approx. 18
Application quantity (g/m²)	approx. 80 - 120 per application; total quantity applied: max 150		

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Drying times (at 23 °C and 50 % rel. humidity) 	Grindable varnish on varnish: after drying overnight Manipulable and stackable: after drying overnight Final hardness and scratch resistance: after approx. 3 days 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 	ADLER DD-Verdünnung 80019 or ADLER Waschverdünnung 80077

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.
Preparation of the substrate	**Hardwoods:** wood sanding with grit size 150 - 180 **Softwoods:** wood sanding with grit size 120 - 150

COATING SYSTEM

Primer coat	With colourless solvent-based furniture varnishes such as ADLER Legnopur 26211 ff or ADLER Ventopur NG 26391 ff or with pigmented solvent-based varnishes such as ADLER Pigmopur 24005 ff. Please observe the relative technical data sheets of the products.
Intermediate sanding 	Sand primed surface with grit size 240 - 320. Avoid sanding straight through! Remove wood dust. Intermediate sanding must be carried out immediately before the subsequent coating is applied in order to ensure good intermediate adhesion.
Topcoat	1 x Aduro Softmatt 2633000105

CLEANING & MAINTENANCE

Cleaning and maintenance	Cleaning with ADLER Clean Möbelreiniger 96490. Preservation with ADLER Clean-Möbelpflege Plus 7222000210. Please observe the relative technical data sheets of the products.

ORDERING INFORMATION

Size of trading unit	3 kg; 18 kg	
Colour shades / degrees of gloss	Tiefmatt	2633000105

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Supplementary products	ADLER Legnopur 26211 ff ADLER Ventopur NG 26391 ff ADLER PUR-Härter 82017 ADLER DD-Verdünnung 80019 ADLER PUR-Verdünnung 80029 ADLER Waschverdünnung 80077 ADLER Clean Möbelreiniger 96490 ADLER Clean Möbelpflege Plus 7222000210

FURTHER DETAILS

Durability / storage

At least 1 year in the original sealed containers.

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

Technical specifications

Delivery viscosity	approx. 30 s in accordance with DIN 53211 (4-mm cup, 20 °C)
Blending-viscosity	approx. 21 s in accordance with DIN 53211 (4-mm cup, 20 °C)

Safety-related information

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.**

The product is only suitable for industrial and professional use.

In general, inhaling paint aerosols must be avoided. This is ensured by correctly using a respiratory mask (combination filter A2/P2 – EN 141/EN 143).

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