Pache SARL - 64 Route de Gravin, 74300 Magland
04 50 89 57 17 contact@pache-adler.fr
www.pache-adler.fr

Technical data sheet

Paint runs through our veins.

Aduro Select 2679

Solvent-based polyurethane clear varnish for **furniture and interior finishing**, for use in industry and trade

PRODUCT DESCRIPTION

General

Solvent-based clear furniture varnish, can be used as a single component or two-component product, offers very good filling performance, very good mechanical and chemical resistance and good grain accentuation; suitable for the "varnish on varnish" method, free from aromatic hydrocarbons, contains light stabilisers.

Special properties and standards

- **ÖNORM A 1605-12 (furniture surfaces)**
  Resistance to chemical reactions:
  for 1K processing: 1-B
  for 2K processing: 1-B1
  Response to abrasion: 2-D (≥ 50 U)
  Response to scratches: 4-D (≥ 1.0 N)
- **DIN 68861 (furniture surfaces)**
  Confirmed by an external test certificate.
  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 ≤ 1,5 N)
- **DIN 53160-1 and DIN 53160-2**
  Confirmed by an external test certificate.
  Perspiration and saliva-proof properties.
- **ÖNORM EN 71-3**
  Confirmed by an external test certificate.
  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

One-component: For the coating of furniture surfaces exposed to normal levels of stress (such as bedroom suite and living room furniture, application areas III to IV according to ÖNORM A 1610-12).

Two-component: For the coating of furniture surfaces exposed to high levels of stress (such as kitchen and bathroom furniture, tabletops, etc., application areas II – IV according to ÖNORM A 1610-12).

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ADLER-Werk Lackfabrik, A-6130 Schwaz
Fon: +43/5242/6922-190, Fax: +43/5242/6922-309, Mail: technical-support@adler-lacke.com

Our instructions are based on the current state of knowledge and are intended to advise the buyer/user to the best of our knowledge, but must be individually adapted to the areas of application and processing conditions. The buyer/user is responsible for deciding on the suitability and use of the supplied product, which is why we recommend that a sample be produced to check the suitability of the product. In all other respects, our General Terms and Conditions of Sale apply. All previous data sheets lose their validity with this edition. We reserve the right to make changes to container sizes, color shades and available gloss levels.

PROCESSING

Processing instructions

- Please stir the product before use.
- The coating systems are applied either one-component or two-component; do not use mixed systems, e.g. one-component priming and two-component topcoat (danger of pulling up when applying touch-up coatings)!
- Not suitable for varnishing pigmented furniture surfaces.
- 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

8429 10%

10 Part(s) by weight Aduro Select (2679)
1 Part(s) by weight PUR-Hardener 8429 (8429000210)

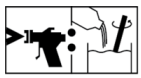
Pot life

8 hour(s)

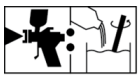
Mixed material can be used one more working day, but must be mixed 1:1 with freshly hardened material.

A further extension of the pot life is not possible.

Application technique



0–5% 8519



10% 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)		
Diluent amount added (%)	0 - 5		10
Viscosity 4-mm-cup (s)	20 - 25		18 - 20
Applied quantity per application (g/m²)	100 - 150		
Total quantity applied (g/m²)	max. 450		

Drying times

(at 23 °C and 50 % rel. humidity)

Sandable and recoatable	2 h
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.

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Cleaning the working equipment 8519 8501	With DD-Verdünner 8519 (8519) or Waschverdünner (8501) 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, and it must be free of grease and wax and free from wood dust.
Substrate preparation	**Hardwoods:** Wood sanding Grit size 150 – 180 **Softwoods:** Wood sanding Grit size 100 – 150 Thoroughly remove sanding dust, especially from the wood pores.

COATING SYSTEM

Primer coat	1 x Aduro Select (2679)
Intermediate sanding 	Sand the primed surface with grit size 240 – 320. Avoid sanding straight through! Remove sanding 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 Select (2679)

CLEANING AND MAINTENANCE

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

ORDERING INFORMATION

Size of trading unit	4 kg, 20 kg More sizes on request.
Colour shades / Glosslevels	Aduro Select G10 (2679000110) Aduro Select G30 (2679000130) Aduro Select G50 (2679000150)
Supplementary products	DD-Verdünner 8519 (8519) Clean-Möbelpflege Plus (7222) Clean-Möbelreiniger (7202) PUR-Hardener 8429 (8429) Waschverdünner 8501 (8501) Please refer to the corresponding technical data sheets of the products.

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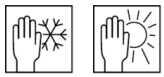
FURTHER DETAILS

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: 23 second – 27 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.**

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