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

Technical data sheet

ADLER
Paint runs through our veins.

Aduro Duopur-Finish 2507

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

PRODUCT DESCRIPTION

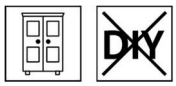
General

Two-component polyester polyurethane topcoat for furniture with excellent mechanical and chemical resistance, good stability on vertical surfaces and excellent filling power.

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)
- French ordinance DEVL1104875A regarding the marking of construction coating products for their emission of volatile pollutants: A+

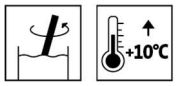
Application areas



- 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.
- Not suitable for the coating of surfaces bleached with hydrogen peroxide.

PROCESSING

Instructions for use



- Please stir the product before use.
- The temperature of the product and object, and the room temperature must be at least + 10 °C is necessary.
- Please observe our **ARL 131 - Working guidelines for PUR furniture paints**.

Blending ratio

50% 8207 000210

2 parts by weight Aduro Duopur-Finish 2507
1 parts by weight Duopur-Hardener 8207

Aduro Duopur-Finish 2507 can only be used with a hardener and in the mixing ratio specified. Deviations lead to film and adhesion problems.

PACHE SARL

ADLER-Werk Lackfabrik, A-6130 Schwaz
Phone: 0043/5242/6922-190, Fax: 0043/5242/6922-309, email: technical-support@adler-lacke.com

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. Our general terms and conditions of sale are otherwise applicable. 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.

Pot life

4 hours;

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

Application technique

Application method	Airless	Airless air-supported (Airmix, Aircoat, etc.)	Cup gun
Spray nozzle (ø mm)	0.28 - 0.33	0.28 - 0.33	1.8
Spraying pressure (bar)	100 - 120	100 - 120	3.0 – 3.5
Atomized air (bar)		1 - 2	
Dilution (thinning)			Duopur-Thinner 8008 000210
Thinner-added in %	-	-	5 - 10
Viscosity (sec.): 4-mm-cup, 20°C	approx. 21	approx. 21	approx. 18
Application quantity per application (g/m²)	approx. 120 - 150		
Total quantity applied:	max. 300 (2 applications)		

The shape and properties of the substrate affect the consumption/yield. Accurate values for consumption must be obtained by applying trial coats in advance.

Drying times

(at 23 °C and 50 % rel. humidity)

Manipulable	after approx. 4 hours
Stackable	after approx. 12 hours

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

Immediately after use with Duopur-Thinner 8008 000210 or Waschverdünnung 80077.

SUBSTRATE

Type of substrate

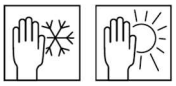
Hard and softwood (solid wood, veneered-, wood shaving (coated) - or wood fibre materials)

Substrate property (or condition)

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.

PACHE sarl

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

Preparation of the substrate	**Hardwoods:** Wood sanding grit size 150–180 **Softwoods:** Wood sanding grit size 100–150
	COATING SYSTEM
Primer	1 x Aduro Duopur-Base 2505
Intermediate sanding	Sand primed surface with grit size 240 - 320. Avoid sanding straight through! Remove sanding dust. Intermediate sanding must be done immediately prior to applying the topcoat in order to ensure proper intermediate adhesion.
Topcoat	1 x Aduro Duopur-Finish 2507
	MAINTENANCE
Cleaning and maintenance	Cleaning with Clean-Möbelreiniger 96490 and preservation with Clean-Möbelpflege Plus 7222. Please observe the relative technical data sheets of the products.
	ORDERING INFORMATION
Size of trading unit	4 kg, 20 kg
Colour shades / degrees of gloss	G30 Matt 2507 000130 G50 Halbmatt 2507 000150 G70 Seidenmatt 2507 000170
Supplementary products	Duopur-Hardener 8207 Duopur-Thinner 8008 000210 Aduro Duopur-Base 2505 Clean-Möbelreiniger 96490 Clean-Möbelpflege Plus 7222
	OTHER INSTRUCTIONS
Durability/storage 	At least 1 year 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	approx. 31 s in accordance with DIN 53211 (4-mm-cup, 20 °C)
	Mixing 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 breathing mask (combination filter A2/P2).

PACHE SARL