

ADLER PUR-Strong

26301 ff

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

PRODUCT DESCRIPTION

General

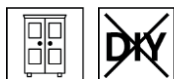
High-quality polyurethane clear coat based on acrylate resins. Very good mechanical and chemical resistance, especially for interior surfaces exposed to high levels of stress, high filling power, good wood accentuation, excellent resistance to yellowing.

Special properties and standards

- **ÖNORM A 1605-12** (furniture surfaces)
Resistance to chemical reactions: 1-B1
Response to abrasion: 2-C (≥ 150 U)
Response to scratches: 4-D (≥ 1.0 N)
Flame treatment: 5-B (hardly inflammable furniture surface)
- **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
- **French Ordinance DEVL1104875A** regarding the marking of construction coating products for their emission of volatile pollutants: A+



Application area



- For the industrial serial coating of furniture and interior finishing exposed to high levels of stress, for steps (depending on country-specific legal guidelines), for hotel and school furnishings, kitchen and sanitary furniture: application areas II to IV according to ÖNORM A 1610-12.
- For hardly inflammable or flame-retardant coating systems.
- Suitable for the coating of surfaces bleached with hydrogen peroxide.

PROCESSING

Instructions for use



- Please stir the product before use.
- Please observe our **“Working guidelines for PUR furniture paints”**.
- For the coating of stairs, we recommend three spraying applications in order to achieve a sufficient layer thickness.

02-19 (supersedes 04-15) ZKL 2528

ADLER-Werk Lackfabrik, A-6130 Schwaz
Fon: 0043/5242/6922-301, Fax: 0043/5242/6922-309, Mail: 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. 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.

Blending ratio

20% 82029

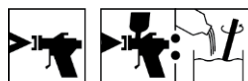
10 parts by weight of ADLER PUR-Strong 26301 ff
2 parts by weight of ADLER PUR-Härter 82029

ADLER PUR-Strong 26303 ff can only be used with a hardener and in the mixing ratio specified. Deviations lead to film and adhesion problems.

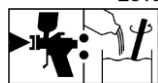
Pot life

1 working day; mixed material can be used one more working day, but 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

10% 80019



10% 80029

Application method	Airless	Airless air-supported (Airmix, Aircoat, etc.)	Cup gun
Spray nozzle (\varnothing mm)	0.23 - 0.28	0.23 - 0.28	1,8
Spraying angel (degrees)			
Spraying pressure (bar)	80 - 120	80 - 120	3 - 4
Atomized air (bar)		1-2	
Thinner	ADLER DD-Verdünnung 80019 or ADLER PUR-Verdünnung 80029		
Thinner added in %	-	-	10
Viscosity (sec.): 4-mm-cup, 20°C	approx. 24	approx. 24	approx. 18
Application quantity per application (g/m ²)	approx. 100 - 150 per application; total quantity applied max. 500		

Drying times

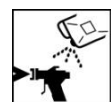
(at 23 °C and 50 % rel. humidity)



Sandable and recoatable	after approx. 4 hours
Manipulable and stackable	drying overnight

In order to improve the firmness of the subsequent coat, 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.

Cleaning the working equipment

With ADLER DD-Verdünnung 80019 or
ADLER Waschverdünnung 80077

SUBSTRATE**Type of substrate**

Solid wood and wooden veneer on adequate carrier plates.

Please observe our "**Working guidelines for PUR furniture paints**".

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.

Preparation of the substrate **Hardwoods:** wood sanding with grit size 150 - 180
Softwoods: wood sanding with grit size 100 - 150
 During sanding use P3 dust filter.
 Thoroughly remove sanding dust–, especially from the wood pores–.

COATING SYSTEM

Primer 1 x ADLER PUR-Strong 26303 ff

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.

During sanding use P2 dust filter.

Topcoat 1 - 2 x ADLER PUR-Strong 26301 ff

CLEANING AND MAINTENANCE

Cleaning and maintenance Cleaning using ADLER Clean Möbelreiniger 96490 and preservation with ADLER Clean Möbelpflege Plus 7222000210.

Please observe the relative technical data sheets of the products.

ORDERING INFORMATION

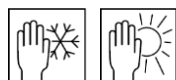
Size of trading unit 4 kg; 20 kg

Colour shades / degrees of gloss	G10 Stumpfmatt	26301
	G30 Matt	26303
	G50 Halbmatt	26305
	G70 Seidenmatt	26307

Supplementary products ADLER PUR-Härter 82029
 ADLER DD-Verdünnung 80019
 ADLER PUR-Verdünnung 80029
 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, frost 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. 24 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).
