

PUR-Strong

2528

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

PRODUCT DESCRIPTION

General

High-quality polyurethane clearcoat based on acrylate resin. 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 (highly non-flammable furniture surfaces)

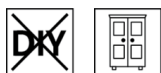


- **ÖNORM A 3800-1 (fire behaviour)**
In conjunction with a flame-retardant substrate:
flame-retardant, Q1, Tr 1



- **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 high levels of stress, for steps (depending on country-specific legal guidelines), for hotel- and school furnishings, for kitchen- and sanitary furniture: application areas II – IV in accordance with ÖNORM A 1610-12.

For hardly inflammable or flame-retardant coating systems.

Suitable for the coating of surfaces bleached with hydrogen peroxide.

PROCESSING

Processing instructions



- Please stir the product before use.
- The temperature of the product and object, and the room temperature must be at least +10 C.
- For the coating of stairs, we recommend three spraying applications in order to achieve a sufficient layer thickness.
- 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 20%

10 Part(s) by weight PUR-Strong (2528)
2 Part(s) by weight PUR-Hardener 8429 (8429000210)

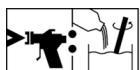
PUR-Strong (2528) can only be used with a hardener and in the mixing ratio specified. Deviations lead to film and adhesion problems.

Pot life

8 hour(s)

Mixed material from the previous day must be mixed 1:1 with freshly hardened material. A further extension of the pot life is not possible.

Increased temperatures reduce the pot life.

Application technique

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)	80 - 120		3 - 4
Vaporizer Air (bar)	-	1 - 2	-
Diluent	DD-Verdünner (8519) / PUR-Verdünner (8529)		
Diluent amount added (%)	5		10
Viscosity 4-mm-cup (s)	24		18
Applied quantity per application (g/m ²)	100 - 150		
Total quantity applied (g/m ²)	max. 500		

Drying times

(at 23 °C and 50 % rel. humidity)



Sandable and recoatable	4 hour(s)
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.

Cleaning the working equipment

8519



8501

With DD-Verdünner 8519 (8519) or Waschverdünner (8501) immediately after use.

SUBSTRATE**Type of substrate**

Solid wood and wooden veneer on adequate carrier plates.

Please follow our **ARL 131 - 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.

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 PUR-Strong (2528)

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!

During sanding use P2 / P3 dust filter.

Topcoat

1 – 2 x PUR-Strong (2528)

CLEANING AND MAINTENANCE

Cleaning and Maintenance

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

ORDERING INFORMATION

Size of trading unit

4 kg, 20 kg

Colour shades / Glosslevels

PUR-Strong G10 Stumpfmatt (26301)
PUR-Strong G30 Matt (26303)
PUR-Strong G50 Halbmatt (26305)
PUR-Strong G70 Seidenmatt (26307)

Supplementary products

Clean-Möbelpflege Plus (7222)
Clean-Möbelreiniger (7202)
DD-Verdünner 8519 (8519)
PUR-Hardener 8429 (8429)
PUR-Verdünner 8529 (8529)

Please refer to the corresponding technical data sheets of the products.

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: 28 - 32 seconds according to DIN 53211
(4mm 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.