

ADLER PUR-Füllgrund HT

2530000200

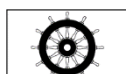
Solvent-based, **highly transparent** and **full-bodied 2-component polyurethane primer** for **furniture and interior finishing** for **industrial and professional use**

PRODUCT DESCRIPTION

General

Solvent-based colourless two-component polyurethane primer for all type of woods. Good drying, high filling power and excellent transparency. The product is characterised by excellent permanent elasticity.

Special properties and standards



0736/2018
Certificate No. 116.472
U.S. Coast Guard Approval No.
164.112/EC0736/116.472



- **ÖNORM A 1605-12** (furniture surfaces)
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
- Highly non-combustible coating material for sea-going vessels (complying with **SOLAS 74/88** Chapter II-2)
- **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, bathroom, offices and in the contract sector, fronts and permanently visible areas, surfaces used on seating furniture and not permanently visible areas (except tabletops). Application areas II – IV in accordance with ÖNORM A 1610-12.
- Application in combination with a suitable topcoat system.
- For closed-pores high-gloss surfaces PUR-Füllgrund HT can, as a finishing coat, also be sanded and high-gloss polished.
- For hardly inflammable or flame-retardant coating systems.
- Not suitable for the coating of surfaces bleached with hydrogen peroxide.

08-18 (supersedes 10-16) ZKL 2530

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.

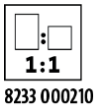
PROCESSING

Instructions for use



- Please stir the product before use.
- Considerably increased temperature and/or low atmospheric humidity will accelerate the drying, whereby flow and degasification can be negatively influenced. In these cases we recommend the addition of 10 % ADLER Verzögerer 8131000210.
- The application quantity is 4 x 120 gm/m² for coating structures on sea-going vessels.
- Regarding the coating of interior fittings on ships the flame-retardant surface material must not be used on pipes, pipe covers and cables.
- Please observe our **“Working guidelines for PUR furniture paints”** and our **“Working guideline for high gloss transparent coating”**.

Blending ratio



100 parts by weight of ADLER PUR-Füllgrund HT 2530000200
100 parts by weight of ADLER PUR-Härter 8233000210

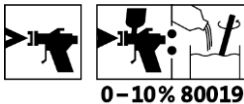
ADLER PUR-Füllgrund HT 2530000200 can be used only with a hardener and in the mixing ratio specified. Deviations lead to film and adhesion problems.

Pot life

3 hours



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 - 2.0
Spraying pressure (bar)	100 - 120	100 - 120	3 - 4
Atomized air (bar)	-	1 - 2	-
Thinner	ADLER DD-Verdünnung 80019		
Thinner amount added in %	-	-	0 - 10
Viscosity (s) 4-mm-cup, 20°C	approx. 16	approx. 16	16
Application quantity (g/m ²)	preliminary primer coat: approx. 80 - 120 primer coat: approx. 120 - 180 per application total application quantity per working day: up to max. 500 total quantity applied: up to max. 1.000		

The shape, the properties and moisture 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)



Intermediate sanding in case of preliminary primer coating	after approx. 3 hours
Sandable and recoatable	drying overnight
Manipulable and stackable	drying overnight

- After the first filler application, a slight sanding with grit size 280 is carried out after approx. 3 hours.
- A further 1 to 2 filler applications are possible on one working day with an intermediate drying time of approx. 3 h each - without intermediate sanding.
- After the filler applications of one working day or after the last filler application of the entire coating system, a drying time of at least 12 h (room temperature) must be observed before intermediate sanding in order to ensure a good condition of the subsequent coating.

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**

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**Wood sanding:**

Sand with grit size 120 – 180 and clean.

COATING SYSTEM**Basecoat**

ADLER PUR-Füllgrund HT 2530000200

Intermediate drying: approx. 3 hours

Intermediate sanding

Slight smooth sanding: Grit size 280

Intermediate sanding must be carried out immediately before the subsequent coating is applied in order to ensure good intermediate adhesion.

Primer coat	<p>Depending on the desired filling, several coats with 120 - 180 g/m² ADLER PUR-Füllgrund HT 2530000200 with an intermediate drying time of 3 h each without intermediate sanding.</p> <p>max. application quantity per working day is 500 g/m² Subsequent drying overnight at room temperature and intermediate sanding grit size 280.</p> <p>Other applications of ADLER PUR-Füllgrund HT 2530000200 as on the previous day.</p> <p>Total quantity applied max. 1,000 g/m²</p> <p>Intermediate drying after the last application of filler, at least overnight.</p>
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Intermediate sanding	<p>Grit size 280 - 320</p> <p>Intermediate sanding must be carried out immediately before the subsequent coating is applied in order to ensure good intermediate adhesion.</p>
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Topcoat	<p>Various colourless ADLER PUR-Möbellacke (furniture coatings)</p> <p>Please observe the relative technical data sheets of the products.</p>
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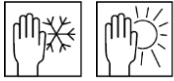
CLEANING AND MAINTENANCE

Cleaning and maintenance	<p>Cleaning with ADLER Clean-Möbelreiniger 96490.</p> <p>Preservation of surfaces with degree of gloss G30 up to G70 with ADLER Clean-Möbelpflege Plus 7222000210 (furniture preservative). Excluded are especially polished shiny surfaces because of streak formation.</p> <p>Please observe the relative technical data sheets of the products.</p>
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ORDERING INFORMATION

Size of trading unit	5 kg	
Colour shades / degrees of gloss	Farblos	2530000200
Supplementary products	ADLER PUR-Härter	8233000210
	ADLER DD-Verdünnung	80019
	ADLER Verzögerer	8131000210
	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, frost and high temperatures (above 30 °C).

Technical specifications

Mixing viscosity approx. 16 +/- 2 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.

Inhaling paint aerosols whilst spraying must generally be avoided. This is ensured by correctly using a respiratory mask (combination filter A2/P2 – EN 141/EN 143).
