

ADLER Legnopur

26211 ff

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

PRODUCT DESCRIPTION

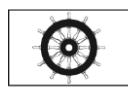
General

Solvent-based 2-component polyurethane clear furniture coat, free of aromatic compounds, based on acrylate resins with very good mechanical and chemical resistance, high filling power, long pot-life, good wood accentuation as well as beautiful pore pattern. The product is characterized by a high resistance to yellowing and an optimal light protection for wood and stains on account of the UV filter. Suitable for the "coat on coat" procedure.

Special properties and standards



General building inspectorate test certificate P-BWU03-I-16.5.234, MPA Stuttgart



0736/2018
Certificate No. 116.307
U.S. Coast Guard Approval No.
164.112/EC0736/116.307

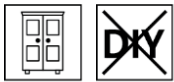


- **ÖNORM A 1605-12** (furniture surfaces)
Resistance to chemical reactions: 1-B1
Response to abrasion: 2-D (≥ 50 U)
Response to scratches: 4-D (≥ 1.0 N)
Flame treatment: 5-B (difficult to ignite furniture surface)
- **ÖNORM A 3800-1** (fire behaviour) in conjunction with a flame-retardant substrate:
flame-retardant (formerly B 1 acc. to B 3800 -1), Q1, Tr 1
- **DIN 4102-B1** (flame-retardant) in combination with flame-retardant wood particle boards - also veneered
- **EN 13501-1** (fire behavior) in combination with hardly inflammable wood chipboard - also veneered: B-s2,d0
- Highly non-combustible coating material for sea-going vessels (complying with **SOLAS 74/88** Chapter II-2)
- **ISO 10993-5 / 10993-12** Toxicity test: not cytotoxic
- **DIN 53160/1 and 63160/2** Perspiration and saliva-proof properties
- **ÖNORM EN 71-3** Safety of toys; migration of certain elements (free of heavy metals)
- Confirmation of innocuousness
- **French ordinance DEVL1104875A** regarding the marking of construction coating products for their emission of volatile pollutants: A+

08-18 (supersedes 04-15) ZKL 2513

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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 takes responsibility for the suitability and use of the delivered product. It is therefore recommended to produce a sample specimen for testing 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.

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.
- For highly non-flammable or flame-retardant structures.
- 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**”.
- The application quantity is 2 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.

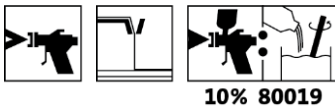
Mixing ratio

10 parts by weight of ADLER Legnopur 26211 ff
1 part by weight of ADLER PUR-Härter 82019

ADLER Legnopur 26211 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 from the previous day must be mixed 1:1 with freshly hardened material; a further extension of the pot life is not possible.

Application technique

Application method	Airless	Airless air-supported (Airmix, Aircoat, etc.)	Cup gun	Casting (pouring)
Spraying nozzle (ø mm)	0.23 – 0.28	0.23 – 0.28	1.8	-
Spraying pressure (bar)	100 – 120	100 – 120	3 - 4	-
Atomized air (bar)	-	1 – 2	-	-
Thinner	ADLER DD-Verdünnung 80019 or ADLER PUR-Verdünnung 80029			
Diluent addition in %	-	-	10	-
Viscosity (s) (4-mm cup, 20°C)	25	25	18	25
Application quantity (g/m ²)	approx. 100 - 150 per application Total application amount max 450			

Drying times

(at 23 °C and 50 % rel. humidity)



Sandable and recoatable	after approx. 2 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, ADLER PUR-Verdünnung 80029 or ADLER Aceton-Waschmittel 95130.

SUBSTRATE**Type of substrate**

Hard and softwood (solid wood, coated veneer-chipboard-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.

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.

COATING SYSTEM**Primer coat**

1 x ADLER Legnopur 26211 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 top coat is applied in order to ensure good intermediate adhesion.

During sanding use P2 dust filter.

Topcoat

1 x ADLER Legnopur 26211 ff

CLEANING & CARE

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

Please observe the relative technical data sheets of the products.

ORDERING INFORMATION**Size of trading unit**

4 kg, 20 kg; more sizes on request

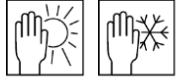
Color shades/degree of gloss

G10 Stumpfmatt	26211
G30 Matt	26213
G50 Halbmatt	26215
G70 Seidenmatt	26217
G90 Seidenglänzend (silky glossy)	

Supplementary products

ADLER PUR-Härter 82019
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 and high temperatures (above 30 °C).

Technical specifications

Delivery viscosity	approx. 30 s in accordance with DIN 53211 (4-mm cup, 20°C)
Mixing viscosity	approx. 25 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).
