

ADLER PUR-Select

26011 ff

Solvent-based polyurethane clear coat for **furniture and interior furnishings** for industrial and professional use

PRODUCT DESCRIPTION

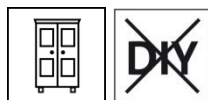
General

Solvent-based furniture clear coat that can be used optionally as a 1-component or 2-component system with high filling power, excellent mechanical and chemical resistance and good grain accentuation; suitable for "Coat on coat" application, free from aromatic hydrocarbons containing light stabiliser (UV absorber).

Special Properties Testing Standards

- **ÖNORM A 1605-12** (Furniture surfaces)
Resistance to chemical reactions:
For 1-comp. processing: 1-B
For 2-comp. processing: 1-B1
Response to abrasion: 2-D (≥ 50 U)
Response to scratches: 4-D (≥ 1.0 N)
- **ÖNORM S 1555** respectively **DIN 53160** Perspiration and saliva-proof properties
- **ÖNORM EN 71-3** Safety of toys; Migration of certain elements (free of heavy metals)

Areas of application



- For the coating of normally stressed furniture surfaces (e.g. bedroom and living room equipment and furnishings etc., application areas III – IV, ÖNORM A 1610-12)
ADLER PUR-Select 26011 ff can be used as a single-component system.
- If severely stressed furniture surfaces (e.g. kitchen and bathroom equipment and furnishings, table tops etc., application areas II – IV, ÖNORM A 1610-12) are coated, we recommend that you use ADLER PUR-Select 26011 ff with the addition of hardener.
- ADLER PUR-Select 26011 ff has some of its own colour or slightly dark yellowing, which can possibly cause interference on light-coloured woods or with light shades of stains. Hence, we discourage you from using it on surfaces bleached with hydrogen peroxide.

PROCESSING

Instructions for application

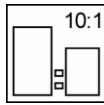


- Please stir the product before use.
- Either single-component or dual-component systems are applied to the coated structures; do not use mixed structures – such as, for example, single-component primer coating and dual-component topcoat application (Risk of coating being

pulled up with refurbishment coatings)!

- Please follow our "**Working guidelines for PUR paints / lacquers**".

Blending ratio



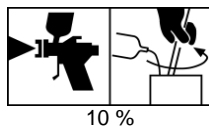
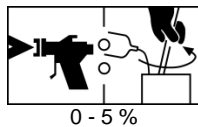
10 parts by weight of ADLER PUR-Select 26011 ff
1 part by weight of ADLER PUR-Härter (Hardener) 82029

Pot Life



1 day: the mixture can still be used for processing on the next day, but it must be mixed 1:1 with freshly hardened material; it is not possible to extend the pot life beyond this.

Application technique



Application method	Airless	Airless pressurized (Airmix, aircoat, etc.)	Cup gun
Spray nozzle (ø mm)	0.23 – 0.28	0.23 – 0.28	1.8
Spraying pressure (bar)	100 - 120	100 - 120	3 - 4
Spraying air (bar)	-	1 - 2	-
Dilution	ADLER DD-Verdünnung (Thinner) 80019		
Thinner amount added in %	0 - 5	0 - 5	10
Viscosity (sec): 4 mm cup, 20°C	25	25	18
Application quantity (gm/m ²)	Approx. 100 - 150 per application; total quantity applied max. 450		

Drying times

(at 23 °C and 50 % rel. humidity)



Can be sanded or recoated	after approx. 2 h
Can be moved around and stacked	overnight

In order to improve the firmness of the subsequent coating, we recommend a intermediate drying overnight at room temperature.

The figures given above are reference values. The drying time depends on the substrate, coat thickness, temperature, air exchange and relative atmospheric humidity.

Surfaces that have been left to dry overnight at room temperature.

Cleaning the tools and equipment



Clean with ADLER DD-Verdünnung (Thinner) 80019 or ADLER Waschverdünnung (Washing thinner) 80077

SUBSTRATE

Type of substrate


Hardwood and softwood (solid wood, veneer, chipboards, wood fibre materials)

Substrate property (or condition)

The substrate must be dry, clean, and capable of holding the paint and it must be free of grease and wax and free from wood dust.

Preparation of the substrate	<p>Hardwoods: sanding using grain size 150 – 180 Softwoods: sanding using grain size 100 – 150</p> <p>Use dust filter P3 while sanding or grinding. Remove thoroughly sanding dust – especially from the wood pores.</p>
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COATING SYSTEM

Primer coat	1 coat of ADLER PUR-Select 26011 ff
Intermediate sanding 	<p>Sand the primer-coated surface using grain size 240-320. Avoid to sanding straight through! Remove the wood dust.</p> <p>Intermediate sanding must be done immediately prior to applying the topcoat in order to ensure proper intermediate adhesion.</p> <p>Use dust filter P2 while sanding or grinding.</p>

Topcoat	1 coat of ADLER PUR-Select 26011 ff
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PRESERVATION AND CARE


Clean using ADLER Clean Möbelreiniger (Furniture cleaner) 96490; For the preservation of surfaces having degree of gloss G30 and higher, use ADLER Clean Möbelpflege (Furniture preservative) 96491. Please refer to the respective data sheets of the products.

NOTES ON ORDERING


Container sizes	4 Kg and 20 Kg; other container sizes on request	
Colour shades / Degree of gloss	G10 Dull matt	26011
	G30 Matt	26013
	G50 Semi-matt	26015
	G70 Silky matt	26017

By-products	ADLER PUR-Härter (Hardener)	82029
	ADLER DD-Verdünnung (Thinner)	80019
	ADLER Waschverdünnung (Washing thinner)	80077

OTHER INSTRUCTIONS

Storage stability / Storage 	<p>At least 1 year in the original sealed containers.</p> <p>Store it such that it is protected against moisture, direct sunlight, frost and high temperatures (above 30 °C).</p>
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Technical Specifications	<p>Delivery viscosity approx. 28 ± 2 sec. according to DIN 53211 (4-mm cup, 20°C)</p> <p>Mixing or blending viscosity approx. 26 sec. according to DIN 53211 (4-mm cup, 20°C)</p>
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Safety-relevant information 	<p>Please follow the associated safety data sheet! The latest version can be retrieved from the Internet at www.adler-lacke.com.</p> <p>In general, you must avoid inhaling paint aerosols. This is ensured by proper use of a breathing mask (combination filter A2/P2 – EN 141/EN 143).</p>
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