

ADLER Pigmopur

24005 ff

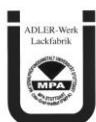
High-quality, solvent-based polyurethane pigment paint for furniture surfaces for industrial and professional use

PRODUCT DESCRIPTION

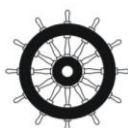
General

Solvent-based 2-component furniture polyurethane pigment paint free from aromatic hydrocarbons, based on acrylic resin, having excellent mechanical and chemical resistance, outstanding light fastness and a sharp pore pattern with open-cell painted surfaces; good firmness on vertical surfaces.

Special Properties and standards



General building inspection test certificate
P-BWU03-I-16.5.371, MPA Stuttgart



EC type test certificate 116.317
US Coast Guard approval certificate
164.112/EC0736/116.317



- **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 (highly non-flammable furniture surfaces)
- **ÖNORM A 3800-1** (Fire behaviour) in conjunction with a flame-retardant substrate:
highly non-combustible or flame-retardant (formerly B 1 in accordance with B 3800 -1), Q1, Tr 1
- **DIN 4102-B1** (Highly non-combustible) in conjunction with flame-retardant laminated plywood – even veneered
- **EN 13501-1** (Fire behaviour) in conjunction with flame-retardant laminated plywood – even veneered, and with primer coat of ADLER PUR-Spritzfüller 25513 ff: B-s2,d0
- Highly non-combustible coating material for sea-going vessels (in accordance with **SOLAS 74/88** Chapter II-2)
- **ÖNORM S 1555** or **DIN 53160** Perspiration and saliva-proof properties
- **ÖNORM EN 71-3**, Safety of toys; migration of certain elements (free of heavy metals)
- **French ordinance DEVL1104875A** regarding the marking of construction coating products for their emission of volatile pollutants: A+

Application area



- For the manufacture of high-class pigment paint structures for furniture and the entire interior decoration including surfaces in the kitchen and sanitary areas: Application areas II to IV according to ÖNORM A 1610-12.
- highly non-flammable or flame-retardant structures

05-15 (supersedes 06-14) ZKL 2406

b.w.

ADLER-Werk Lackfabrik, A-6130 Schwaz
Fon: 0043/5242/6922-301, Fax: 0043/5242/6922-309, Mail: technical-support@adler-lacke.com

Our instructions are based on the current knowledge and are intended to advise the buyer/user to the best of our knowledge. They must be, however, individually adapted to the application areas and conditions. 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. Otherwise our General Terms of Sale apply. All previous specifications become invalid with this edition. Packaging sizes, colors and available gloss values are subject to change.

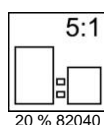
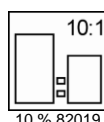
PROCESSING

Instructions for use



- Please stir the product before use.
- For surfaces put to heavy use (tables, chairs, doors, etc.) we basically recommend applying a topcoat of ADLER Pigmotop 25363 ff, since this results in surfaces that are resistant to abrasion by metallic objects and also have high mechanical resistance.
- Addition of 5% **ADLER Pigmofix G 90699** to the paint in combination with addition of 20% of hardener enhances the adhesion and resistance to moisture when used on glass.
- Addition of 10 % **ADLER Pigmofix RF 90695** to the paint for the last and final application of the coat enhances the abrasion resistance to metallic objects and resistance to scratches of ADLER Pigpopur 24005 ff.
- An additive of 10 to 20 % ADLER Pigmofix V 90694 to the paint, which is hardened with ADLER DD-Härter 82010, optimizes the coating of the rear of glass elements by paint roller. Please follow our "**Guidelines for the glass coating with polyurethane varnishes – Application by paint roller**" and the technical data sheet of the product.
- 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
- Please follow our "**Working guidelines for PUR paints / lacquers**".

Blending ratio



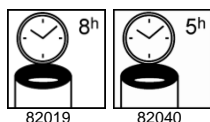
10 parts by weight or volume of ADLER Pigpopur 24005 ff
1 part by weight or volume of **ADLER PUR-Härter (Hardener) 82019**

ADLER Pigpopur can be used only with a hardener and in the blending ratio specified. Any deviations cause the film to be flawed.

If you want **faster drying**, you can work with the following blending ratio as an alternative to the hardener mentioned above:

5 parts by weight or volume of ADLER Pigpopur 24005 ff
1 part by weight or volume of **ADLER PUR-Härter S 82040**

Pot Life

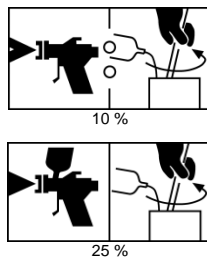


With ADLER PUR-Härter 82019:

1 working 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.

With ADLER PUR-Härter S 82040:

The pot life is 5 hours. It is not possible to extend the pot life beyond this using freshly hardened coating material!

Application technique

Application method	Airless	Airless air-supported (Airmix, Aircoat etc.)	Cup gun	Curtain coating
Spraying nozzle (ø mm)	0.28 – 0.33	0.28 – 0.33	1.8	-
Spraying pressure (bar)	100 - 120	100 - 120	3 - 4	-
Spraying air (bar)	-	1 - 2	-	-
Dilution (thinning)	ADLER DD-Verdünnung (Thinner) 80019 or ADLER PUR-Verdünnung (PUR-thinner) 80029			
Addition of thinner when using 82019				
Thinner amount added in %	approx. 10	approx. 10	approx. 25	approx. 10
Addition of thinner when using 82040				
Thinner amount added in %	5 - 10	5 - 10	15 - 20	-
Viscosity (sec.): 4 mm cup, 20°C	approx. 25	approx. 25	approx. 20	approx. 25
Application quantity (gm/m ²)	approx. 150 – 200 per application; total application quantity max. 400			

Drying times

(at 23 °C and 50 % rel. humidity)



It can be sanded and recoated	after approx. 3 hours
It can be moved and stacked	overnight

If drying at room temperature, intermediate drying time overnight is recommended since this improves the firmness of the subsequent coating noticeably.

The figures indicated serve as a guide and are for reference. The drying time depends on the substrate, coat thickness, temperature, air exchange and relative atmospheric humidity.

Cleaning the working equipment

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

SUBSTRATE**Type of substrate**

For opaque coating, suitable solid wood or plywood or wood fibre materials, veneered or laminated with priming film.

For the coating of glass please follow our "Guidelines for the glass coating with polyurethane varnishes".

Substrate property (or condition)

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

Preparation of the substrate	Sanding grain size 150 – 180 For laminated particle boards : Sanding grain size 180 – 220
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COATING SYSTEM

Primer coat

For closed-pore dull-finish paint surfaces

- carrier plates coated with priming film (heavy sanding of the film with grain size 240); one-time spray application of ADLER PUR-Spritzfüller 25513 ff, ADLER PUR-Isofill 25506 or ADLER PUR-Ecofill 25501 is beneficial.
- Solid wood, raw particle boards or particle boards veneered using cross-veneer, with 2 primer coats of ADLER PUR-Spritzfüller 25513 ff and intermediate sanding with grain size 280-360
- MDF boards, pre-insulated with ADLER DD-Isoliergrund 25103 or ADLER Legnopur 26211 ff, with 1-2 primer coats of ADLER PUR-Spritzfüller 25513 ff and intermediate sanding with grain size 280-360

Alternatively, you may use ADLER PUR-Isofill 25506 or ADLER PUR-Ecofill 25501 directly on MDF boards of good quality and having a high raw density (e.g. with 19 mm plates or boards, greater than 700 kg/m³).

For open-pore dull-finish paint surfaces

Apply 1 coat of approx. 200 gm/m² of ADLER Pigmopur 24005 ff in the desired colour shade

Allow drying overnight at room temperature

Please follow the respective technical data sheets of the products.

Intermediate sanding



Intermediate sanding with grain size 280 - 400

Intermediate sanding must be done immediately prior to applying the topcoat in order to ensure proper intermediate adhesion.

Avoid through sanding at all costs!

Topcoat

Apply 1 coat of ADLER Pigmopur 24005 ff in the desired colour shade

PRESERVATION

Cleaning

For cleaning, use ADLER Clean Möbelreiniger (Furniture cleaner) 96490 and preserve using ALER Clean Möbelpflege (Furniture preservative) 96491.

Please follow the respective technical data sheets of the products.

NOTES ON ORDERING

Size of trading unit

1 Kg, 3 Kg (only base colour shades), 4 Kg and 20 Kg

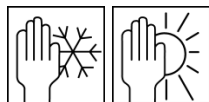
Colour / Degree of gloss

White G50 semi-matt 24005

There are 12 base colour shades (24011 to 24022) other than white available for blending special colour shades. RAL colour shades, NCS colour shades and sanitary colour shades etc. can be delivered promptly on request as specially manufactured lots.

Supplementary products

ADLER PUR-Härter (PUR-hardener) 82019
 ADLER PUR-Härter (PUR-hardener) S 82040
 ADLER DD-Verdünnung (Thinner) 80019
 ADLER PUR-Verdünnung (PUR-thinner) 80029
 ADLER Pigmofix G 90699
 ADLER Pigmofix RF 90695
 ADLER Pigmofix V 90694
 ADLER Waschverdünnung 80077
 ADLER PUR-Spritzfüller 25513 ff
 ADLER PUR-Isosoll 25506
 ADLER PUR-Ecofill 25501
 ADLER DD-Isoliergrund 25103
 ADLER Legnopur 26211 ff
 ADLER Clean Möbelreiniger 96490
 ADLER Clean Möbelpflege 96491

OTHER INSTRUCTIONS**Durability / Storage**

At least 3 years in the original sealed containers.

Store it such that it is protected against moisture, direct sunlight and high temperatures (over 30°C).

Technical specifications

Mixing or
 blending
 viscosity

About 40 sec. in accordance with DIN 53211
 (4 mm tumbler, 20°C)

Safety-related information

Please follow the associated safety data sheet! The latest version can be retrieved from the Internet at **www.adler-lacke.com**.

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).