

## ADLER Pigmopur ST74

24426 ff

High-class solvent-based polyurethane **pigment paint** with structure for **furniture for industrial use**

### PRODUCT DESCRIPTION

#### General

Solvent-based 2-component furniture polyurethane pigment paint with constituents giving a textured finish for furniture surfaces, free of aromatic compounds. Excellent mechanical and chemical resistance, outstanding light-fastness and good stability on vertical surfaces.

#### Special properties and standards

- **ÖNORM A 1605-12** (Furniture surfaces)  
Resistance to chemical reactions: 1-B1  
Response to abrasion: 2-D ( $\geq 50$  U)  
Response to scratches: 4-D ( $\geq 1.0$ 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
- **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



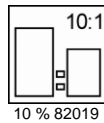
- For the manufacture of high-class pigment paint structures with structured surface for furniture and the entire interior finishing including surfaces in the kitchen and sanitary facilities: Application areas II to IV according to ÖNORM A 1610-12.
- Highly non-flammable or flame-retardant structures

### PROCESSING

#### Instructions for application

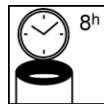


- Please stir the product before use.
- For highly stressed surfaces (tables, chairs etc.), we recommend to apply one coat of ADLER Pigmotop 25363 ff, different gloss levels, in order to achieve the maximum mechanical resistance and surfaces resistant to ring indentation. As a result, the structure of the resulting surfaces will be prevented.
- Please follow our "**Working guidelines for PUR paints / varnishes**".

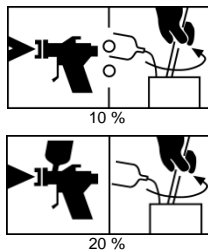
**Blending ratio**

10 parts by weight or volume of ADLER Pigmopur ST74 24426 ff  
1 part by weight or volume of **ADLER PUR-Härter** (hardener) **82019**

ADLER Pigmopur ST74 can be used only with a hardener and in the blending ratio specified. Any deviations cause the film to be flawed.

**Pot Life**

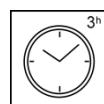
1 working day: the mixture can still be used for processing on the next day, but it must be mixed 1:1 with freshly hardened material; it is not possible to extend the pot life beyond this.

**Application technique**

Application method	Airless	Airless air-supported (air mix, air coat, etc.)	Cup gun
Spraying nozzle (ø mm)	0.28 - 0.33	0.28 - 0.33	1.8
Spraying pressure (bar)	100 - 120	100 - 120	3 - 4
Atomized air (bar)	-	1 - 2	-
Dilution (thinning)	ADLER DD-Verdünnung (Thinner) 80019 or ADLER PUR-Verdünnung (Thinner) 80029.		
Thinner amount added in %	approx. 10	approx. 10	approx. 20
Application quantity (gm/m²)	approx. 150 per application; total quantity applied max. 400		

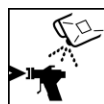
**Drying times**

(at 23 °C and 50 % rel. humidity)



Can be re-coated	after approx. 3 hours
It can be moved and stacked	overnight

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

**Cleaning the tools and 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 glass coating please observe our working guidelines "**Working guidelines for the coating of glass with PUR paints**".

<b>Substrate property (or condition)</b>	The substrate must be dry, clean and capable of holding the paint and free from wood dust.
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<b>Preparation of the substrate</b>	Sanding grain size 150 – 180
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**Film coated particle-boards:**  
Sanding grain size 180 – 220

## COATING SYSTEM

### Primer coat

#### For closed-pore dull-finish paint surfaces

- Primed carrier plates (heavy sanding of the film with grain size 240); one-time spray application of ADLER PUR-Spritzfüller 25513 ff or ADLER PUR-Ecofill 25501 is beneficial.
- Solid wood, raw particle boards or particle boards with 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

Please observe the relative technical data sheets of the products.

### Intermediate sanding



Intermediate sanding with grain size 280 - 400

Intermediate sanding should be done immediately prior to applying the next coat in order to ensure proper intermediate adhesion.

Avoid through sanding!

### Topcoat

Apply 1 coat of ADLER Pigmpur ST74 24426 ff in the desired colour shade

## MAINTENANCE

### Cleaning

Clean using ADLER Clean Möbelreiniger (Furniture cleaner) 96490.

Please observe the relative technical data sheets of the products.

## ORDERING INFORMATION

<b>Size of trading unit</b>	10 kg, 20 kg
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<b>Colour shades / degree of gloss</b>	Papyrus grey	24426	Sahara	24434
	Quartz grey	24427	Lava	24435
	Emerald	24428	Magma	24436
	Blueberry	24429	Curry	24437
	Arctic white	24430	Saffron	24438
	Rose hip	24431	Bell pepper	24439
	White	24432	Opal	24440
	Magnolia	24433	Lagoon	24441

Other colour shades on request

**BY-products**

ADLER PUR-Härter (PUR-hardener) 82019  
 ADLER DD-Verdünnung (thinner) 80019  
 ADLER PUR-Verdünnung (PUR-thinner) 80029  
 ADLER Waschverdünnung (washing thinner) 80077  
 ADLER PUR-Spritzfüller (spray filler) 25513 ff  
 ADLER PUR-Ecofill 25501  
 ADLER DD-Isoliergrund (insulating primer) 25103  
 ADLER Legnopur 26211 ff  
 ADLER Clean Möbelreiniger (furniture cleaner) 96490

**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  
viscosity

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

**Safety-relevant information**

Please follow the associated safety data sheet! The latest version can be retrieved from the Internet at **[www.adler-lacke.com](http://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).