

## ADLER Pigmpur Gloss NG

2419

Solvent-based pigmented 2K polyurethane high gloss topcoat for furniture and interior finishing for industrial and professional use

### PRODUCT DESCRIPTION

#### General

Solvent-based pigmented 2K polyurethane furniture finish for high-gloss coating systems. Quick drying, high gloss and excellent brilliance, very good mechanical and chemical resistance, high filling power;

#### 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-E ( $\geq 0.5$  N)  
Flame treatment: 5-B (difficult to ignite furniture surface)
- **DIN 68861** (furniture surfaces)  
Part 1: Response to chemical stress: 1 B  
Part 2: Response to abrasion: 2 D (over 50 to 150 U)  
Part 4: Response to scratches: 4 E ( $> 0.5$  until  $\leq 1.0$  N)
- **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 normal levels of stress, such as bedroom and living room furnishings: application areas III - IV in accordance with ÖNORM A 1610-12.
- For highly non-flammable or flame-retardant structures.

### 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 instead of ADLER DD-Verdünnung 80019.
- Please observe our "**Working guidelines for PUR paints**" as well our "**Working guidelines for applying high gloss opaque coloured coatings**".

10-18 (supersedes 07-18) ZKL 2419

ADLER-Werk Lackfabrik, A-6130 Schwaz  
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**Blending ratio**

8234 000210

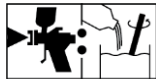
100 parts by weight of ADLER Pigmopur Gloss NG 2419  
100 parts by weight of ADLER PUR-Härter 8234000210

ADLER Pigmopur Gloss NG 2419 can only be used with ADLER PUR-Härter 8234000210 and in the mixing ratio specified. Deviations lead to film and adhesion problems.

**Pot life**

3 hours

Increased temperatures reduce the pot life.

**Application technique**

0 - 10% 80019



Application method	Airless air-supported (Airmix, Aircoat, etc.)	Compressed air spraying, cup gun
Spraying nozzle ( $\varnothing$ mm)	0.23 - 0.28	1.4 - 1.7
Spraying pressure (bar)	90 - 120	2.5 - 3.0
Atomized air (bar)	1.5 - 2.5	
Dilution (thinning)	ADLER DD-Verdünnung 80019	
Addition of thinner in %	-	0 - 10 %
Viscosity (s) (4-mm cup, 20°C)	approx. 17	approx. 16
Application quantity (g/m <sup>2</sup> )	approx. 100 - 130 per application	

The shape and the properties 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)



Recoatable	after approx. 1 hour
Manipulable	drying overnight
Sandable and buffable	after at least 24 hours recommended: after 3 days

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.

<b>SUBSTRATE</b>	
<b>Type of substrate</b>	Solid wood or wood particle/wood fiber materials veneered or coated with priming film, which are suitable for opaque coatings.
<b>Substrate property (or condition)</b>	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.
<b>COATING SYSTEM</b>	
<b>Primer coat</b>	<p><b>For closed-pore surfaces</b></p> <p>a) carrier plates coated with priming film (heavy sanding of the film with grit size 240); one-time spray application using ADLER PUR-Spritzfüller 25513 ff, ADLER PUR-Isofill 25506 or ADLER PUR-Ecofill 25501 is beneficial.</p> <p>b) Solid wood or chipboard veneered with blind veneer (e.g. beech), 2 - 3 x primed with ADLER PUR-Spritzfüller 25513 ff, ADLER PUR-Isofill 25506 or ADLER PUR-Ecofill 25501. Intermediate sanding with grit size 280 - 360</p> <p>c) MDF boards, pre-insulated with ADLER DD-Isoliergrund 25103 or ADLER Legnopur 26211 ff, 2 - 3 x primed using ADLER PUR-Spritzfüller 25513 ff, ADLER PUR-Isofill 25506 or ADLER PUR-Ecofill 25501. Intermediate sanding with grit size 280 - 360</p> <p>Alternatively, ADLER PUR-Isofill 25506 or ADLER PUR-Ecofill 25501 can be used directly on MDF boards of good quality and with a high moulded density (e.g. on 19-mm boards greater than 700 kg/m<sup>3</sup>) without pre-insulation.</p> <p>Please observe the relative technical data sheets of the products.</p>
<b>Intermediate sanding</b>	<p>Grit size 360 - 500</p> <p>Intermediate sanding must be carried out immediately before the top coat is applied in order to ensure good intermediate adhesion.</p>
<b>Topcoat</b>	<p>2 x ADLER Pigmopur Gloss NG 2419 in the desired colour shade</p> <p>No intermediate sanding.</p> <p>Intermediate drying: at least 1 h, max. 5 h</p>
<b>Finishing treatment (sanding, polishing, buffing)</b>	After a minimum of 24 h drying at room temperature, the resulting surfaces are well polishable/buffable. For good stability we recommend a drying time of 3 days before buffing and polishing.



## CLEANING & MAINTENANCE

### Cleaning

Cleaning with ADLER Clean Möbelreiniger 96490.

Please observe the relative technical data sheets of the products.

## ORDERING INFORMATION

### Size of trading unit

4 kg, 20 kg

### Colour / degree of gloss

Standard colour shades:

Weiß W5 2419 000005

Schwarz 2419 500001

Reinweiß RAL 9010 2419 009010

More blending bases:

Basis W10 2419 000010

Basis W30 2419 000030

Other colour shades (RAL, NCS, etc.) are available as special productions.

- In order to ensure uniformity of the colour shade, use only material having the same batch number on a given surface.
- It is recommended to prepare a trial colour sample on the original substrate using the coating system selected in order to assess the final colour shade.

### Supplementary products

ADLER PUR-Härter 8234 000210

ADLER DD-Verdünnung 80019

ADLER PUR-Spritzfüller 25513 ff

ADLER PUR-Isosfill 25506

ADLER PUR-Ecofill 25501

ADLER Legnopur 26211 ff

ADLER DD-Isoliergrund 25103

ADLER Verzögerer 8131000210

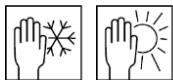
ADLER Waschverdünnung 80077

ADLER Clean Möbelreiniger 96490

## 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

Delivery viscosity 21 ± 2 s in accordance with DIN 53211 (4-mm cup, 20 °C)

Mixing viscosity approx. 17 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](http://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).