

ADLER Pigmocryl NG

3201 ff

Water-based pigment topcoat for furniture and interior finishing for industrial and professional use

PRODUCT DESCRIPTION

General

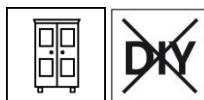
Water-based one-component furniture pigment coating for open and closed-pored pigmented surfaces with fast drying and good mechanical and chemical resistance. The product is cream and grease resistant (CFB) and has a high resistance to light. Good filling power and good standing on vertical surfaces.

Special properties and standards

- **ÖNORM A 1605-12** (furniture surfaces)
Resistance to chemical reactions: 1-C
Response to abrasion: 2-D (≥ 50 U)
Response to scratches: 4-E (≥ 0.5 N)
Flame treatment: 5-B (difficult to ignite furniture surface)
- **DIN 68861** (furniture surfaces)
Part 1: Response to chemical stress: 1 C
Part 2: Response to abrasion: 2 D (over 50 to 150 U)
Part 4: Response to scratches: 4 E (> 0.5 bis ≤ 1.0 N)
- **ÖNORM A 3800-1** (fire behavior) in conjunction with a flame-retardant substrate:
flame-retardant (formerly B 1 acc. to B 3800 -1), Q1, Tr 1
- **ÖNORM EN 71-3** Safety of toys; migration of certain elements (free of heavy metals)
- **ÖNORM S 1555** or **DIN 53160** Perspiration and saliva-proof properties
- **Meets the criteria of baubook "Ecological invitation to tender"**.
- **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 high levels of stress, such as tabletops and shelves in the kitchen and living area, bathroom, offices and in the contract sector, fronts and permanently visible areas, surfaces used on seating furniture and not permanently visible areas (except tabletops). Application areas II – IV in accordance with ÖNORM A 1610-12.
- For highly stressed surfaces (tables, chairs, doors etc.), we basically recommend the application of ADLER Aqua-Top Antiscratch 30341 ff or ADLER Aqua-Resist 30461 ff. Thereby you

08-16 (supersedes 03-15) ZKL 3201 / 3203 / 3205

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

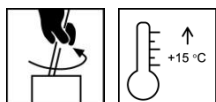
Our instructions for use are based on knowledge available currently and shall guide the purchaser / user to the best of one's knowledge, but, however, must be clarified for the areas of application and processing conditions on a case-to-case basis. The buyer/user takes responsibility for the suitability 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.

can achieve surfaces, which are resistant to ring indentation and highly resistant to mechanical stress.

- Open and closed-pore varnished pigment surfaces.
- For furniture, interior finishing, wood panelling and wooden ceilings
- For highly non-flammable or flame-retardant structures.

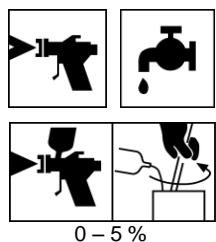
PROCESSING

Instructions for use



- Please stir the product before use.
- The temperature of the product and object, and the room temperature must be at least + 15 C.
- 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 5 % ADLER Aqua-Fluid V 8052000210.
- When coating interior doors, it must be ensured that only sealing profiles compatible with acrylic paints and lacquers are used.
- Please observe the relative technical data sheets of the products.
- Please follow our “**Working guidelines for water-based furniture varnishes**”.

Application technique

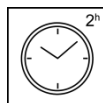


Application method	Airless	Airless air-supported (Airmix, Aircoat, etc.)	Cup gun
Spraying nozzle (ø mm)	0.23 - 0.33	0.23 - 0.33	2.0
Spraying pressure (bar)	100 – 120	80 – 100	2.5 – 3.5
Atomising air (bar)	-	1 – 2	-
Dilution (thinning)	water		
Thinner amount added in %	-	-	0 – 5
Application quantity (g/m ²)	approx. 120 - 200 per application Total application amount max 450 - closed pore surfaces: approx. 130 - open pore structures in pastel shades and RAL 9010: approx. 150-200 - open pore structures in full shades: approx. 120 – 150		

The shape, the properties and moisture 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)



Sandable and recoatable with ADLER Pigmocryl NG 3201 ff	after approx. 2 hours
Recoatable with for example: ADLER Aqua-Top Antiscratch 30461 ff oder ADLER Aqua-Resist 30461 ff	at least 12 hours max. 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

Immediately after use with water or ADLER Aqua-Cleaner 80080 (diluted 1:1 with water).

SUBSTRATE**Type of substrate**

Solid wood or wood particle/wood fiber materials veneered or coated with priming film, which are suitable for opaque coatings.

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

Grit size 150 – 180

Film-coated chip boards: Grit size 180 – 220

COATING SYSTEM**Primer****For closed-pore paint surfaces**

- a) Film-coated particle boards possibly one coat using ADLER Aqua-Isospeed Weiß 31016
- b) Solid wood or particle boards veneered using blind veneer (e.g. beech), 2 primer coats using ADLER Aqua-Isospeed Weiß 31016 or ADLER Aqua-Isospeed Thix Weiß 31017
- c) MDF boards, with 2 to 3 primer coats of ADLER Aqua-Isospeed Weiß 31016 + 5 % ADLER Aqua-PUR-Härter 82220 or ADLER Aqua-Isospeed Thix Weiß 31017 + 5 % ADLER Aqua-PUR-Härter 82220 or 1 pre-insulation with ADLER Aqua-Soft CFB 30361 ff and 2 primer coats with ADLER Aqua-Isospeed Weiß 31016.

For open-pore paint surfaces

Pre-insulation with 150 - 200 g/m² ADLER Aqua-Isospeed Weiß 31016 + 5 % ADLER Aqua-PUR-Härter 82220 for

- wood species with a tendency to resin flow (e. g. pine).
- wood species with water-soluble colouring wood constituents (e. g. ash).
- structures in RAL 9010 "Reinweiß" (pure white) and in pastel shades

Regarding structures for full-tone-colours it is sufficient to apply one primer coat with 150-200 g/m² ADLER Pigmocryl NG.

Intermediate drying: overnight

Please observe the relative technical data sheets of the products.

Intermediate sanding

Grit size 280 – 360

Avoid sanding straight through!

Please use only grit size 280 for pastel shades and RAL 9010.

Topcoat

ADLER Pigmocryl NG 3201 ff

MAINTENANCE**Maintenance**

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 observe the relative technical data sheets of the products.

ORDERING INFORMATION**Size of trading unit**

1 kg; 4 kg; 22 kg

Color shades/degree of gloss**Standard colours:**

G50 Weiß W10 3205000010

G50 RAL 9010 3205009010

G50 Schwarz 3205500001

More colours on request!

ADLER Pigmocryl NG is available in the following gloss levels:

G10 stumpfmatt 3201

G30 matt 3203

G50 halbmatt 3205

Supplementary products

ADLER Aqua-Isospeed Weiß 31016

ADLER Aqua-Isospeed Thix Weiß 31017

ADLER Aqua-Top Antiscratch 30341 ff

ADLER Aqua-Soft CFB 30361 ff

ADLER Aqua-Resist 30461 ff

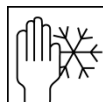
ADLER Aqua-PUR-Härter 82220

ADLER Aqua-Fluid V 8052000210

ADLER Aqua-Cleaner 80080

ADLER Clean-Möbelreiniger 96490

ADLER Clean-Möbelpflege 96491

FURTHER DETAILS**Durability/storage**

At least 9 months in the original sealed containers.

Store cool but frost-free.

Technical specificationsDelivery
viscosity160 ± 5 s in accordance with DIN 53211
(4-mm cup, 20°C)**Safety-related information**Please pay attention to the associated safety data sheet. The current version can be accessed on the Internet at www.adler-lacke.com.

In general, you must avoid inhaling paint aerosols when spraying; This is ensured by correctly using a breathing mask (combination filter A2/P2 – EN 141/EN 143).