

Bluefin Pigmocryl NG G5

3200

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

PRODUCT DESCRIPTION

General

Water-based, natural matt, pigmented one-component furniture coating with fast drying and good mechanical and chemical resistance. The product is cream and grease resistant (CFB) and is characterised by high resistance to the effects of light, good filling power and very good stability on vertical surfaces.

Special properties and standards



- **ADLER green label product** - tested according to 3 categories: Environment, Health & Safety and Durability. Please also observe the sustainability data sheet.
- **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 (hardly inflammable furniture surface)
- **DIN 68861** (furniture surfaces)
Part 1: Response to chemical stress: 1 C
Part 2: Response to abrasion: 2 D (over 50 up to 150 U)
Part 4: Response to scratches: 4 E (> 0.5 until ≤ 1.0 N)
- **ÖNORM A 3800-1** (fire behaviour) 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)
- **DIN 53160-1 and DIN 53160-2** perspiration and saliva-proof properties
- **“Baubook”**-compliant
- **French ordinance DEVL1104875A** regarding the marking of construction coating products for their emission of volatile pollutants: A+



Application area



- For lightly stressed/subordinate and normally stressed parts of the living area such as bedrooms and living rooms in furniture and interior design.
- For painting wall and ceiling elements.
- For hardly inflammable or flame-retardant coating systems.

11-21 (supersedes 08-21) ZKL 3200

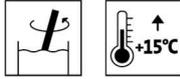
ADLER-Werk Lackfabrik, A-6130 Schwaz

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Our instructions for use are based on knowledge available currently and shall guide the buyer/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 is responsible for deciding on the suitability and use of the delivered product, which is why it is recommended to produce a sample to check 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.

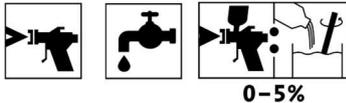
PROCESSING

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 8052.
- For highly stressed surfaces (tables, chairs, doors, etc.), we basically recommend the application of ADLER Aqua-Top Antiscratch 30341 ff (chemical resistance – 1-B1 according to ÖNORM A 1605-12 Prüfung 1 – also in the colour shade RAL 9010 „pure white“) or ADLER Aqua-Resist 30460 ff. Thereby you can achieve surfaces, which are resistant to ring indentation and highly resistant to mechanical stress.
- 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 **ARL 150 - Working guidelines for water-based furniture coatings**.

Application technique



Application method	Airless	Airless air-supported (Airmix, Aircoat, etc.)	Cup gun
Spray nozzle (ø mm)	0.23 - 0.33	0.23 - 0.33	2.0
Spraying pressure (bar)	100 – 120	80 – 100	2.5 – 3.5
Atomized air (bar)	-	1 – 2	-
Dilution (thinning)			water
Thinner amount added in %	-	-	0 – 5
Quantity per application (g/m ²)	approx. 120 – 200 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		
Application quantity (g/m ²)	max. 450		

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 3200 ff	after approx. 2 hours
Recoatable with for example: ADLER Aqua-Top Antiscratch 30460 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 equipment



the working With water immediately after use.

To remove dried paint residues we recommend using Aqua-Cleaner 80080 (diluted 1:1 with water).

SUBSTRATE

Type of substrate

Solid wood, chipboard or wood fibre materials suitable for opaque varnishing, veneered or coated with priming film.

Substrate property

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

Wood sanding:
grit size 150 – 180

Film-coated chip boards: Grit size 180 – 220

COATING SYSTEM

Primer

For closed-pore surfaces

- a) Chipboard with foil depending on quality requirements (fullness, uniformity of surface) without primer or 1 x with Bluefin Isospeed 3134
- b) Solid wood or chipboard panels veneered with blind veneer (e. g. beech), 2 x Bluefin-Isospeed 3134 or ADLER Aqua-Isospeed Thix Weiß 31017
- c) MDF boards, with 2 to 3 primer coats using Bluefin-Isospeed 3134 + 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 using Bluefin Isospeed 3134.

For open-pore surfaces

Pre-insulation with 150 - 200 g/m² Bluefin Isospeed 3134 + 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 components (e. g. ash)
- coating systems in RAL 9010 "Reinweiß" (pure white) and in pastel shades

Regarding coating systems for full-tone-colours it is sufficient to apply one primer coat using 150 - 200 g/m² ADLER Pigmocryl NG G5.

In each case drying overnight at room temperature.

Please observe the relative technical data sheets of the products.

Intermediate sanding



Grit size 280 – 360

Avoid sanding straight through!

Topcoat

1 x ADLER Pigmocryl NG G5 3200

CLEANING AND MAINTENANCE

For cleaning, use Clean Möbelreiniger (Furniture cleaner) 96490 and preserve using Clean Möbelpflege (Furniture preservative) 7222.

Please observe the relative technical data sheets of the products.

ORDERING INFORMATION

Size of trading unit

4 kg; 10 kg; 22 kg

Colour shades / degrees of gloss

Standard colours:
 G5 Weiß W10 3200000010
 G5 RAL 9010 3200009010

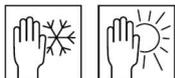
Other colours can be supplied ex works.

Supplementary products

Bluefin Isospeed 3134
 ADLER Aqua-Isospeed Thix Weiß 31017
 ADLER Aqua-Top Antiscratch 30341 ff
 ADLER Aqua-Soft CFB 30361 ff
 ADLER Aqua-Resist 30460 ff
 ADLER Aqua-PUR-Härter 82220
 ADLER Aqua-Fluid V 8052
 ADLER Aqua-Cleaner 80080
 Clean-Möbelreiniger 96490
 Clean-Möbelpflege Plus 7222

OTHER INSTRUCTIONS

Durability / storage



At least 9 months 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 3000 ± 4000 cP (Brookfield spindle 4/20 UpM/ 2 min/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.

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 breathing mask (combination filter A2/P2).