

Bluefin Pigmocryl NG G50

3205

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

PRODUCT DESCRIPTION

General

Water-based, pigmented one-component furniture coating with fast drying and good mechanical and chemical resistance. The cream and grease resistant (CFB) product 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, 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
- Registered in **baubook**
- **French ordinance DEVL1104875A** regarding the marking of construction coating products for their emission of volatile pollutants: A+



Application areas



- Open and closed-pore varnished pigmented coating surfaces.
- For furniture, interior finishing, wood panelling and wooden ceilings
- For hardly inflammable or flame-retardant coating systems

12-22 (supersedes 06-21) ZKL 3205

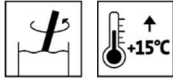
ADLER-Werk Lackfabrik, A-6130 Schwaz

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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.

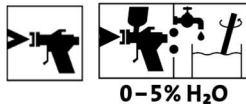
PROCESSING

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 % Aqua-Fluid V 8052.
- For highly stressed surfaces (tables, chairs, doors, etc.), we basically recommend the application of Bluefin Top-Antiscratch 2960 (chemical resistance – 1-B1 according to ÖNORM A 1605-12 Prüfung 1 – also in the colour shade RAL 9010 „pure white“) or Bluefin Resist 2963. Thereby you can achieve surfaces, which are resistant to ring indentation and highly resistant to mechanical stress. Intermediate drying time: at least 12 hours, max. 3 days.
- When coating interior doors, it must be ensured that only sealing profiles compatible with acrylic paints are used.
- If plastic edges are used, an adhesion test must always be carried out with the planned coating system. When using ABS-Kantenaktivator 8315 an adhesion improvement can be achieved on ABS edges.
- Please refer to the corresponding 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 (\varnothing mm)	0.23 - 0.33	0.23 - 0.33	2.0
Spraying pressure (bar)	100 - 120	80 - 100	2 - 3
Atomized air (bar)	-	1 - 2	-
Dilution (thinning)	water		
Thinner-added in %	-	-	0 - 5
Application quantity per application (g/m ²)	approx. 120 – 200 total application amount max 450 - closed pore surfaces: approx. 130 - open pore coating system in pastel shades and RAL 9010: approx. 150-200 - open pore structures in full shades: approx. 120-150		

The shape and 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)



Sandable and recoatable with Pigmocryl NG in various qualities	after approx. 2 hours
Recoatable with e.g. Bluefin Top-Antiscratch 2960 or Bluefin Resist 2963	approx. 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**

Immediately after use with water or 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:
Sanding with grit size 180 – 220

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

- Chipboard or MDF boards with foil depending on quality requirements (fullness, uniformity of surface) without primer or 1 x with Bluefin Isospeed 3134
- Solid wood or particle boards veneered using blind veneer (e.g. beech), 2x with Bluefin Isospeed Weiß 3134000010 or Aqua-Isospeed Thix Weiß 31017
- MDF boards, with 2 to 3 primer coats using Bluefin Isospeed 3134 + 5 % Aqua-Hardener 8450000210 oder Aqua-Isospeed Thix Weiß 31017 + 5 % Aqua-Hardener 8450000210; or 1 pre-insulation with Bluefin Unistar 2965 and 2 primer coats using Bluefin Isospeed 3134

For open-pore surfaces

Pre-insulation with 150 - 200 g/m² Bluefin Isospeed 3134 + 5 % Aqua-Hardener 8450000210 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 Bluefin Pigmocryl NG 3205.

Drying overnight at room temperature.

Please refer to the corresponding technical data sheets of the products.

Intermediate sanding



Grit size 280 - 360

Avoid sanding straight through!

Topcoat

Bluefin Pigmocryl NG 3205

CLEANING AND MAINTENANCE

Cleaning and maintenance

Cleaning with Clean Möbelreiniger 96490 and maintenance with Clean-Möbelpflege Plus 722000210.

Please refer to the corresponding technical data sheets of the products.

ORDERING INFORMATION

Size of trading unit

1 kg, 4 kg, 22 kg

Colour shades / degrees of gloss



G50 Weiß W10	3205000010
G50 RAL 9010	3205009010
G50 Schwarz	3205500001

Other colour shades can be obtained using the **ADLER colour mixing system ADLERMix**.

Bluefin Pigmocryl NG is available in the following gloss levels:

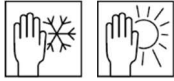
G10 stumpfmat	3201
G30 matt	3203
G50 halbmatt	3205

- Please observe our **ARL 800 - Working guideline for working (including care and maintenance) with ADLER Mix, PUR Mix and Color4You dosing machines**

Supplementary products

Bluefin Isospeed 3134
 Aqua-Isospeed Thix Weiß 31017
 Bluefin Top-Antiscratch 2960
 Bluefin Unistar 2965
 Bluefin Resist 2963
 Aqua-Hardener 8450000210
 Aqua-Fluid V 8052
 ABS-Kantenaktivator 8315
 Aqua-Cleaner 80080
 Clean-Möbelreiniger 96490
 Clean-Möbelpflege Plus 722000210

FURHTER DETAILS

Durability / storage

At least 9 months in the original sealed containers.

Cool, but frost-free

Technical specifications

Delivery
viscosity

160 ± 5 s in accordance with DIN 53211 (4-mm-
cup, 20°C)

**Safety-related information
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.

In general, inhaling paint aerosols must be avoided. This is ensured by correctly using a breathing mask (combination filter A2/P2).
