

ADLER Pigmocryl NG Thix

3211 ff

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 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 firmness 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 (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 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
- **French ordinance DEVL1104875A** regarding the marking of construction coating products for their emission of volatile pollutants: A+



Application areas



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

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.
- 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 Test 1 – also in the colour shade RAL 9010

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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. Otherwise our General Terms of Sale apply. 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.

„pure white“) or ADLER Aqua-Resist 30461 ff. Thereby you can achieve surfaces, which are resistant to ring indentation and highly resistant to mechanical stress. Intermediate drying time: at least 12 hrs, max. 3 days

- When coating interior doors, it must be ensured that only sealing profiles compatible with acrylic paints are used.
- If plastic edgings are used, an adhesion test must be planned for the coating system. By using ADLER ABS-Kantenaktivator 8315000210 an adhesion improvement can be achieved on ABS edges.
- Please observe the relative technical data sheets of the products.
- Please follow our **“Working guidelines for water-based furniture varnishes”**.

Application technique



10-15% H₂O

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 - 3
Atomized air (bar)	-	1 - 2	-
Thinner	water		
Thinner amount added in %	-	-	10 - 15
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, 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 Thix 3211 ff	after approx. 2 hours
Recoatable with ADLER Aqua-Top Antiscratch 30461 ff or 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 chip 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, and it must be free of grease and wax and free from wood dust.

Preparation of the substrate

Sanding with grit size 150 - 180

Film-coated chip boards: sanding with 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 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 with 150 - 200 g/m² ADLER Pigmocryl NG Thix.

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!

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

Topcoat

ADLER Pigmocryl NG Thix 3211 ff

CLEANING AND MAINTENANCE**Cleaning and maintenance**

Cleaning with ADLER Clean Möbelreiniger 96490. Preservation with ADLER Clean-Möbelpflege Plus 7222000210.

Please observe the relative technical data sheets of the products.

ORDERING INFORMATION

Size of trading unit 1 kg, 4 kg, 22 kg
Only 22 kg containers are available ex factory.

Colour shades / degrees of gloss

Thix G10 Weiß W10	3211000010
Thix G10 RAL 9010	3211009010
Thix G10 Schwarz	3211500001



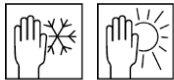
RAL-colour shades, NCS-colour shades, etc. can be obtained using the **ADLER colour mixing system ADLERMix (agitation time: 3 min)**.

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 30461 ff
- ADLER Aqua-PUR-Härter 82220
- ADLER Aqua-Fluid V 8052000210
- ADLER ABS-Kantenaktivator 8315000210
- ADLER Aqua-Cleaner 80080
- ADLER Clean-Möbelreiniger 96490
- ADLER Clean-Möbelpflege Plus 7222000210

FURTHER DETAILS

Durability / storage



At least 9 months in the original sealed containers.

Cool, but frost-free

Technical specifications

Delivery viscosity	3000 ± 1200 cP (Brookfield spindle 4/20 UpM/ 2 min/20 °C)
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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.

In general, inhaling paint aerosols must be avoided. This is ensured by correctly using a respiratory mask (combination filter A2/P2 – EN 141/EN 143).