

Bluefin Pigmores 4in1

3500 ff

High-quality, water-based pigmented coating, can be used directly on MDF, for **furniture and interior finishing for industrial and professional use**

PRODUCT DESCRIPTION

General

Water-based 2-component pigmented coating for furniture surfaces with very good filling power and grindability, very good chemical and mechanical resistance, good ring test resistance and good stability on vertical surfaces. The product is cream and grease resistant (CFB). Can be used directly on MDF boards (observe following information, "MDF boards"!). ADLER Bluefin Pigmores 4in1 fulfils the functions of insulation, filler, paint and spray paint.

Special properties and standards

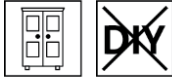
- **ÖNORM A 1605-12** (furniture surfaces)
Resistance to chemical reactions: 1-B1
Response to abrasion: 2-D (≥ 50 U)
Response to scratches: 4-D (≥ 1.0 N)
Flame treatment: 5-B (hardly inflammable furniture surface)
- **DIN 68861** (furniture surfaces)
Part 1: Response to chemical stress: 1 B
Part 2: Response to abrasion: 2 D (≥ 50 U)
Part 4: Response to scratches: 4 D (≥ 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
- **DIN 531603-1 and 53160-2** perspiration and saliva-proof properties
- **ÖNORM EN 71-3** Safety of toys; migration of certain elements (free of heavy metals)
- **"Baubook"**- compliant
- **French ordinance DEVL1104875A** regarding the marking of construction coating products for their emission of volatile pollutants: A+



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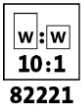
Our instructions for use are based on knowledge available currently and shall guide the buyer/user to the best of one's knowledge, but, however, must be clarified for the areas of application and processing conditions on a case-to-case basis. The buyer/user is responsible for deciding on the suitability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

Application areas

- For the coating of high-quality, pigmented coating systems of furniture and interior finishing including surfaces in the kitchen and sanitary facilities: application areas II to IV according to ÖNORM A 1610-12.
- For the efficient coating of MDF boards in the so-called "varnish-on-varnish" process: With 2 to 3 coats of ADLER Bluefin Pigmores 4in1, full surfaces with very good ring test resistance are achieved on MDF boards.
- 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.
- A structural effect can be achieved by adding 5% ADLER Aquafix S 91201 (preferably in gloss level G30).
- Please observe the relative technical data sheets of the products.
- Please follow our **“Working guidelines for water-based furniture varnishes”**.

Blending ratio

10 parts by weight of Bluefin Pigmores 4in1 3500 ff
1 part by weight of ADLER Aqua-PUR-Härter 82221

ADLER Aqua-PUR-Härter must be carefully worked into the paint components by stirring before processing. We recommend observing a waiting time of approx. 10 min. before processing.

Pot life

3 hours

Increased temperatures reduce the pot life. A further extension of the pot life is not possible.

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	100 - 120	2 - 3
Atomized air (bar)	-	1 - 2	-
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 coating system in full shades: approx. 120 - 150		

The product is ready to use.

Drying times

(at 23 °C and 50 % rel. humidity)



Sandable and recoatable

after approx. 5 hours

In order to improve the firmness of the subsequent coat, we recommend drying overnight at room temperature.

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

SUBSTRATE**Type of substrate**

MDF panels or solid wood suitable for opaque coatings or wood particle/wood fiber materials 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

- Carrier plates coated with priming film: film sanding with grit size 220 - 240
- MDF panels: cleaning / smooth sanding with grit size 180 - 220

ADLER Bluefin Pigmares 4in1 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/m³) without pre-insulation. Boards of lower qualities must be pre-insulated before the first layer of filler (e.g. with ADLER Aqua-Top Antiscratch 30341 ff or ADLER Aqua-Soft CFB 30361 ff).

For applications in the sanitary area we recommend using moisture-resistant MDF boards of type V100 with pre-insulation as a matter of principle. It is advised not to be used for horizontal surfaces that are often exposed to water, e.g. washstands.

COATING SYSTEM**Primer**

1 - 3 x Bluefin Pigmares 4in1 3500 ff, depending on the desired substrate and body.

In each case drying overnight at room temperature.

Please observe the relative technical data sheets of the products.

Intermediate sanding

Grit size 280 - 360

Intermediate sanding must be carried out immediately before the subsequent coating is applied in order to ensure good intermediate adhesion.

Avoid sanding straight through!

Topcoat

1 x Bluefin Pigmares 4in1 3500 ff

CLEANING & 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 0.8 kg, 4 kg, 20 kg

Colour shades / degrees of gloss **Standard colours:**

G50 Weiß W10	3505000010
G50 RAL 9010	3505009010
G50 Schwarz	3505500001

ADLER Bluefin Pigmores 4in1 is available in the following gloss levels:

G10 stumpfmatt	3501
G30 matt	3503
G50 halbmatt	3505

Other colours on request.

Supplementary products ADLER Aqua-PUR-Härter 82221
ADLER Aqua-Top Antiscratch 30340 ff
ADLER Aqua-Soft CFB 30361 ff
ADLER Aquafix S 91201
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.

Store cool but frost-free.



Technical specifications Delivery approx. 75 ± 15 s in accordance with DIN 53211
viscosity (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**.



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).