

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

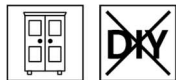
Water-based 2-component pigmented coating for furniture surfaces with very good filling power and grindability, very good chemical and mechanical resistance, good ring test resistance and good stability on vertical surfaces. The product is cream and grease resistant (CFB). Can be used directly on MDF boards (observe following information, "MDF boards"!). 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)
 - Response to scratches: 4 D (≥ 1.0 N)
 - part 4:
- **ÖNORM A 3800-1** (fire behaviour) in conjunction with a flame-retardant substrate:
 - flame-retardant, Q1, Tr 1
- **DIN 53160-1 and DIN 53160-2** perspiration and saliva-proof properties
- **ÖNORM EN 71-3** Safety of toys; migration of certain elements (free of heavy metals)
- 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 high-quality, pigmented coating systems of furniture and the entire interior finishing including surfaces in the kitchen and sanitary areas: 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 Bluefin Pigmores 4in1, full surfaces with very good ring test resistance are achieved on MDF boards.
- Highly non-flammable or flame-retardant structures.

06-22 (supersedes 03-21) ZKL 3500, 3501, 3503, 3505

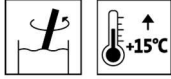
ADLER-Werk Lackfabrik, A-6130 Schwaz

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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 is necessary.
- A structural effect can be achieved by adding 5% Aquafix S 91201 (preferably in gloss level G30).
- If plastic edges are used, an adhesion test must always be carried out with the planned coating system. When using ABS-Kantenaktivator 8315 000210 an adhesion improvement can be achieved on ABS edges.
- Please observe the relative technical data sheets of the products.
- Please follow our **ARL 150 - Working guidelines for water-based furniture coatings**.

Blending ratio



10 parts by weight of Bluefin Pigmores 4in1 3500 ff
1 parts by weight of Aqua-Hardener 8452

Aqua-Hardener 8452 must be carefully worked into the coating 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 equipment

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

SUBSTRATE**Type of substrate**

- Carrier plates coated with priming film
- MDF panels:

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 grit size 220 – 240
- MDF panels: Cleaning/smoothing sanding grit size 180 - 220

Bluefin Pigmores 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. Panels of lower qualities must be pre-insulated before the first layer of filler (e.g. with Bluefin Top-Antiscratch 2960)

For sanitary applications, we generally recommend the use of moisture-resistant MDF panels of type P3, P5 or P7 according to ÖNORM EN 312 (formerly V100 according to DIN 68763) with pre-insulation. It is not recommended for use on horizontal surfaces that are frequently exposed to water, such as washstands.

COATING SYSTEM**Primer**

1 - 3 x Bluefin Pigmores 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

Grain 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 Pigmores 4in1 3500 ff

CLEANING & MAINTENANCE**Cleaning and maintenance**

Cleaning with Clean Möbelreiniger 96490.
Preservation with Clean-Möbelpflege Plus 7222 000210.

Please observe the relative technical data sheets of the products.

ORDERING INFORMATION**Size of trading unit**

4 kg; 20 kg

Colour shades / degrees of gloss

RAL-colors, NCS-colors as well as special colors are available.

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

G10 stumpmatt (dull matt)	3501
G30 matt	3503
G50 halbmatt (semi-matt)	3505

Supplementary products

Aqua-Hardener 8452 000210
Bluefin Top-Antiscratch 2960
Aquafix S 91201
ABS-Kantenaktivator 8315 000210
Aqua-Cleaner 80080
Clean-Möbelreiniger 96490
Clean-Möbelpflege Plus 7222 000210

OTHER INSTRUCTIONS**Durability / storage**

At least 9 months in the original sealed containers.

Store cool but frost-free.

Technical specifications

Delivery viscosity	approx. 70 - 80 s in accordance with DIN 53211 (4-mm-cup, 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.

Inhaling paint aerosols whilst spraying must generally be avoided. This is ensured by correctly using a breathing mask (combination filter A2/P2).