

Bluefin Pigmores 4in1 G50

3505

High-quality, water-based pigmented coating, suitable for direct application on MDF, for **furniture and interior finishing for professional and industrial use**

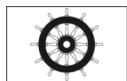
PRODUCT DESCRIPTION

General

Water-based two-component pigmented coating for furniture with high-quality furniture surfaces, characterised by very good filling power and sandability, very good chemical and mechanical resistance, good ring resistance as well as good sag resistance on vertical surfaces. The product is resistant to cream and grease (CFB). Suitable for direct application on MDF boards (observe the information below "MDF boards"). Bluefin Pigmores 4in1 fulfils the functions of stain-blocking, filler, pigmented top coating and spray coating.

Special properties and standards

- **ÖNORM A 1605-12 (furniture surfaces)**
Confirmed by an external test certificate.
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)**
Confirmed by an external test certificate.
Part 1: Response to chemical stress: 1 B
Part 2: Response to Abrasion: 2 D (> 50 to ≤ 150 U)
Part 4: Response to scratches: 4 D ($> 1,0$ to $\leq 1,5$ N)
- **EN 13501-1 (fire behaviour)**
Confirmed by an external test certificate.
In combination with a non-combustible substrate, e.g. materials of fire class A1 or A2: classification as B-s1, d0. For the classification of the reaction to fire, the complete build-up (carrier board / glue / veneer or foil) is always taken into account.
- **ÖNORM A 3800-1 (fire behaviour)**
In conjunction with a flame-retardant substrate: flame-retardant, Q1, Tr 1
- **SOLAS 74/88 Chapter II-2**
Confirmed by an external test certificate.
Highly non-combustible coating material for sea-going vessels.
- **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)
- **Declared in baubook**
Product has been declared and validated



6-0 IMC 3505 | 08/26 | replaces 5-0

ADLER-Werk Lackfabrik, A-6130 Schwaz

Fon: +43/5242/6922-190, Fax: +43/5242/6922-309, Mail: technical-support@adler-lacke.com

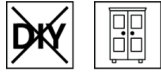
Our instructions are based on the current state of knowledge and are intended to advise the buyer/user to the best of our knowledge, but must be individually adapted to the areas of application and processing conditions. The buyer/user is responsible for deciding on the suitability and use of the supplied product, which is why we recommend that a sample be produced to check the suitability of the product. In all other respects, our General Terms and Conditions of Sale apply. All previous data sheets lose their validity with this edition. We reserve the right to make changes to container sizes, color shades and available gloss levels.



• **French ordinance DEVL1104875A**

Marking of construction coating products for their emission of volatile pollutants: A+

Application area



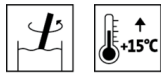
For the coating of furniture and interior finishing exposed to high levels of stress, such as tabletops and shelves in the kitchen and living area, bathrooms, offices and in the contract sector, fronts and permanently visible areas, surfaces used on seating furniture and not permanently visible areas. Application areas II to IV in accordance with ÖNORM A 1610-12.

For effective coating of MDF boards using the so-called "coat-on-coat" method: with 2 or 3 applications of Bluefin Pigmores 4in1 G50 (3505), you can achieve a rich and substantial surface with very good ring test resistance on MDF boards.

For hardly inflammable or flame-retardant coating systems.

PROCESSING

Processing instructions



- Please stir the product before use.
- The temperature of the product and object, and the room temperature must be at least + 15 °C.
- When using plastic edgebands, an adhesion test must always be carried out with the planned structure. Adhesion can be improved on ABS edgebands by using ABS Kantenaktivator (8315000210).
- Any change in the processing sequence, environmental conditions, non-observance of instructions or the use of products not listed may have an unfavourable effect on the result.
- Please follow our **ARL 150 - Working guidelines for water-based furniture coatings**.

Blending ratio



10 Part(s) by weight Bluefin Pigmores 4in1 G50 (3505)
1 Part(s) by weight Aqua-Hardener 8452 (8452000210)

Aqua-Hardener 8452 (8452000210) must be carefully worked into the product by stirring before processing. We recommend waiting approx. 10 minutes before starting work.

Bluefin Pigmores 4in1 G50 (3505) can only be used with a hardener and in the mixing ratio specified. Deviations lead to film and adhesion problems.

Pot life



5 hour(s)

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

Please only prepare as much material as can be used within the pot life.

Application technique

	Airless	Airless air-supported (Airmix®, Aircoat, etc.)	Cup gun
Spraying nozzle Ø (mm)	0,23 - 0,33		2,0
Spraying pressure (bar)	100 - 120		2 - 3
Vaporizer Air (bar)	-	1 - 2	-
Applied quantity per application (g/m²)	120 - 200*		
Total quantity applied (g/m²)	max. 450		

*closed-pore surfaces: approx. 130
 open-pore coating systems in pastel shades and RAL 9010: approx. 150 – 200
 open-pore coating systems in solid colours approx. 120 – 150

The product is ready to use.

The shape and surface condition of the workpiece as well as the type of application influence the actual consumption. Accurate values for consumption must be obtained by applying trial coats in advance.

Drying times

(at 23 °C and 50 % rel. humidity)

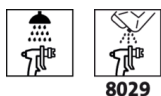


Sandable and recoatable:

approx. 5 hour(s)

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

The figures given above are reference values. Drying depends on the substrate, layer thickness, temperature, air exchange, relative humidity, stacking pressure and stacking conditions.

Cleaning the working equipment

With water immediately after use.

To remove dried paint residues we recommend using Clean Aqua-Cleaner (8029) (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.

Substrate preparation**Carrier plates coated with priming film:**

Film sanding Grit size 220 – 240

MDF panels:

Cleaning/smoothing sanding grit size 180 - 220

On good quality MDF boards with a high raw density (e.g. with 19 mm boards greater than 700 kg/m³), Bluefin Pigmores 4in1 G50 (3505) can be used directly without pre-priming. Boards of lower quality must be pre-primed before the first base coat (e.g. with Bluefin Top-Antiscratch (2960)).

For applications in the sanitary sector, we generally recommend the use of moisture-resistant MDF boards of type P3, P5 or P7 in accordance with ÖNORM EN 312 (formerly V100 in accordance with DIN 68763) with pre-

priming. It is not recommended for use on horizontal surfaces that are frequently exposed to water, such as washstands.

COATING SYSTEM

Primer coat	1 – 3 x Bluefin Pigmores 4in1 G50 (3505) depending on the desired substrate and body Drying overnight at room temperature.
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 Pigmores 4in1 G50 (3505)

CLEANING AND MAINTENANCE

Cleaning and Maintenance	Cleaning with Clean-Möbelreiniger (7202) and care with Clean-Möbelpflege Plus (7222).
---------------------------------	---

ORDERING INFORMATION

Size of trading unit	1 kg, 4 kg, 20 kg
Colour shades / Glosslevels	Bluefin Pigmores 4in1 G50 (3505) & colour number RAL colours, NCS colours and special colours can all be supplied. The product is available in various degrees of gloss.
Supplementary products	ABS Kantenaktivator (8315) Clean Aqua-Cleaner 8029 (8029) Aqua-Hardener 8452 (8452) Bluefin Top-Antiscratch (2960) Clean-Möbelpflege Plus (7222) Clean-Möbelreiniger (7202) Please refer to the corresponding technical data sheets of the products.

FURTHER DETAILS

Durability / storage 	Min. 9 month(s) in the original sealed containers. Store cool but frost-free. Close opened containers well and use up the content as soon as possible.
Technical specifications	Delivery viscosity: 70 – 80 seconds according to DIN 53211 (4 mm measuring cup, 20 °C)
Safety information 	The product is only suitable for the industrial and professional use. The inhalation of paint aerosols during spray application must generally be avoided. This is ensured by the proper use of a respirator (combination filter A2/P2). 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 .