

Bluefin Pigmores NXT

3507

High-quality, water-based, deep-matt **pigmented coating** for **furniture and interior finishing** for professional and industrial use

PRODUCT DESCRIPTION

General

Water-based two-component pigmented top coating for furniture with deep-matt furniture surfaces, characterised by very good chemical and mechanical resistance and good ring resistance. With NXT technology, excellent resistance to gloss marking and scratch resistance as well as anti-fingerprint properties. The product is resistant to cream and grease (CFB).

Special properties and standards



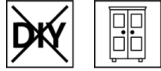
- **ÖNORM A 1605-12 (furniture surfaces)**
Resistance to chemical reactions: 1-B1
Response to abrasion: 2-D (≥ 50 U)
Response to scratches: 4-D (≥ 1.0 N)
Flammability: 5-B (hardly inflammable furniture surface)
- **DIN 68861 (furniture surfaces)**
Part 1: Response to chemical stress: 1 B
Part 2: Response to Abrasion: 2 D (> 50 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
- **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
- **French ordinance DEVL1104875A**
Marking of construction coating products for their emission of volatile pollutants: A+

4-0 IMC 3507 | 08/26 | replaces 3-0

ADLER-Werk Lackfabrik, A-6130 Schwaz

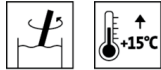
Fon: +43/5242/6922-190, Fax: +43/5242/6922-309, Mail: technical-support@adler-lacke.com

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.

Application area

For coating heavily used surfaces in furniture and interior design, e.g. storage surfaces in kitchens and living areas, bathrooms, offices and commercial areas, fronts and permanently visible surfaces, used surfaces of seating furniture and surfaces that are not permanently visible (except table tops). Application areas II to IV in accordance with ÖNORM A 1610-12.

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

100 Part(s) by weight Bluefin Pigmores NXT (3507)
10 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 NXT (3507) 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 - 150		
Total quantity applied (g/m²)	max. 450		

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)

Lower temperatures and/or high level of atmospheric humidity can increase the drying time.

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

8029

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

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**

Chipboard or MDF boards with film depending on the quality requirements (filling performance, evenness of the surface) without priming or 1 x Bluefin Isospeed (3134) in the corresponding colour

MDF panels:

2 - 3 x primed with Bluefin Isospeed (3134) + 5 % Aqua-Hardener 8450 (8450) or Bluefin Isospeed Thix (3119) + 5 % Aqua-Hardener 8450 (8450)

Alternatively: 1 x pre-primed with Bluefin Terra-Resist (2972) and 2 x primed with Bluefin Isospeed (3134)

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!

Remove sanding dust.

Topcoat

1 x Bluefin Pigmores NXT (3507)

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 NXT (3507) & colour number RAL colours, NCS colours and special colours can all be supplied.
Supplementary products	ABS Kantenaktivator (8315) Clean Aqua-Cleaner 8029 (8029) Aqua-Hardener 8452 (8452) Bluefin Isospeed Thix (3119) Bluefin Isospeed (3134) Clean-Möbelreiniger (7202) Clean-Möbelpflege Plus (7222) 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: 120 – 130 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 .