

Bluefin Pigmores NXT C

3508

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

PRODUCT DESCRIPTION

General

Water-based, two-component pigmented top coat for deep-matt furniture surfaces with very good chemical and mechanical resistance and good ring test resistance. Thanks to NXT technology, it provides excellent resistance to shine marks and scratches as well as anti-fingerprint properties. The product is cream and grease resistant (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)
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 to ≤ 150 U)
Part 4: Response to scratches: 4 D ($> 1,0$ to $\leq 1,5$ N)



- **EN 13501-1 (fire behaviour)**
In combination with a hardly inflammable surface, e.g. materials of fire class A1 or A2: classification as B-s2,d0. The complete coating system (carrier board / glue / veneer or foil) is always used to classify the reaction to fire.



- **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

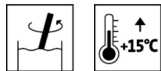


- **French ordinance DEVL1104875A**
Marking of construction coating products for their emission of volatile pollutants: A+

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

10 Part(s) by weight Bluefin Pigmores NXT C (3508)
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 NXT C (3508) 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/m ²)		120 - 150	
Total quantity applied (g/m ²)		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)



5h

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 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-insulation. 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 Resist (2963) 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 C (3508)

CLEANING AND MAINTENANCE

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

ORDERING INFORMATION

Size of trading unit 4 kg, 20 kg

Colour shades / Glosslevels Bluefin Pigmores NXT C (3508) & colour number
RAL colours, NCS colours and special colours can all be supplied.

Supplementary products ABS Kantenaktivator (8315)
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.
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.