

Bluefin Pigmores Gloss

3290

High-quality, **water-based, pigmented 2-component high-gloss coating** for industrial furniture and interior finishing

PRODUCT DESCRIPTION

General

Water-based, pigmented two-component furniture coating for high-gloss coating build-ups. It provides high gloss, excellent brilliance, very good mechanical and chemical resistance and high filling power; can be polished and buffed.

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-E (≥ 0.5 N)
Flame treatment: 5-B (highly non-flammable furniture surfaces)



- **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 E (> 0.5 to ≤ 1.0 N)

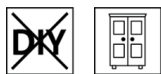


- **ÖNORM A 3800-1 (fire behaviour)**
In conjunction with a flame-retardant substrate:
flame-retardant, Q1, Tr 1



- **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 normal levels of stress, bedroom suite and living room furniture: application areas III to IV according to 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



5 Part(s) by weight Bluefin Pigmores Gloss (3290)
1 Part(s) by weight Aqua-Hardener 8451 (8451000210)

Aqua-Hardener 8451 (8451000210) must be carefully worked into the product by stirring before processing. We recommend waiting approx. 10 minutes before starting work.

Bluefin Pigmores Gloss (3290) can only be used with a hardener and in the mixing ratio specified. Deviations lead to film and adhesion problems.

Pot life



With Aqua-Hardener 8451 (8451000210): 4 hour(s)

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

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		1,8 - 2,0
Spraying pressure (bar)	100 - 120	60 - 90	2 - 3
Vaporizer Air (bar)	-	1 - 2	-
Applied quantity per application (g/m ²)	100 - 170		
Total quantity applied (g/m ²)	max. 450*		

*(Primer and topcoat)

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)

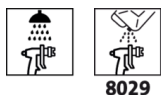
Recoatable	6 hour(s)
Manipulable	24 hour(s)
Sandable and buffable	min. 24 hours to max. 3 days

*with an application quantity of 1 x 150 g/m²

Higher temperatures (higher than 40°C) significantly reduce the time taken to achieve dust dryness.

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



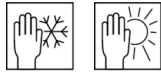
With water immediately after use.

To remove dried paint residues we recommend using Aqua-Cleaner (8029) (diluted 1:1 with water).

SUBSTRATE	
Type of substrate	Carrier plates 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, etc. and free from dust, as well as tested for suitability for coating.
Substrate preparation	Carrier plates coated with priming film: Film sanding Grit size 400
COATING SYSTEM	
Primer coat	Carrier plates coated with priming film: (optional) 1 x Bluefin Pigmores 4in1 G50 (3505)
Topcoat	No intermediate sanding. 1 x Bluefin Pigmores Gloss (3290), applying a quantity of 100 - 170 g/m ² . The smoothest surface is achieved by applying a quantity of 150 - 170 g / m².
Topcoat (optional)	2 x Bluefin Pigmores Gloss (3290) approx. 110 g/m ² The material can be applied wet-on-wet. Intermediate drying time can be between 10 min and 8 hours. Best results will be achieved with an intermediate drying time of between 10 min and 1 hour.
Finishing treatment (sanding, polishing, buffing)	The resulting surfaces can be easily buffed and polished after at least 24 hours (max. 3 days) of drying at room temperature.
MAINTENANCE AND RENOVATION	
Cleaning and Maintenance	Cleaning with Clean-Möbelreiniger (7202) and care with Clean-Möbelpflege Plus (7222).
ORDERING INFORMATION	
Size of trading unit	20 kg
Colour shades / Glosslevels	Standard colour(s): Schwarz (3290500001) W10 Weiß, tönbar (3290000010) Special colours on request.
Supplementary products	ABS Kantenaktivator (8315) Aqua-Cleaner 8029 (8029) Aqua-Hardener 8451 (8451) Bluefin Pigmores 4in1 G50 (3505) 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.

Make sure the product is protected against moisture, direct sunlight, frost and high temperatures (above 30 °C).

Close opened containers well and use up the content as soon as possible.

Technical specifications

Delivery viscosity: 60 – 70 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.