

Bluefin Gloss

2931

Water-based colourless **2C high gloss varnish** for furniture and interior finishing, for use in industry and trade.

PRODUCT DESCRIPTION

General

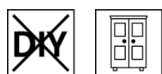
Water-based, colourless 2C furniture varnish for high-gloss coating systems. High degree of gloss, outstanding luminance, very good mechanical and chemical resistance, very good filling performance; can be polished and brushed.

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

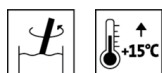


For the coating of furniture and interior finishing exposed to high levels of stress, such as hotel and school furnishings, kitchen and sanitary furniture (except worktops): application areas II - IV according to ÖNORM A 1610-12.

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 $+15^{\circ}\text{C}$.
- Bluefin Gloss (2931) may slightly change the shade of surfaces painted with pigmented paints. Application quantity and intermediate drying time also influence the final colour shade. A possible intermediate sanding can noticeably change the final shade, which is why such a procedure is not recommended.

- When coating interior doors, it must be ensured that only sealing profiles compatible with acrylic paints are used.
- Various types of wood such as Oak contain water-soluble substances, which become active when overcoating with water-based furniture coatings. In order to prevent discolouration or markings (these may occur to varying degrees depending on the origin of the wood), we therefore recommend pre-priming with Bluefin Base HT (2916) when coating oak, larch and other woods that are rich in active substances.
- 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 Gloss (2931)
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.

Pot life



4 hour(s)

A further extension of the pot life is not possible.

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/m²)	100 - 170		
Total quantity applied (g/m²)	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)

Dust dry (ISO 1517)	6 hour(s)*
Can be handled	16 hour(s)

*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.

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

Surfaces coated with Bluefin Base HT (2916) or Bluefin Pigmores 4in1 G50 (3505).

COATING SYSTEM

Primer coat

Colourless:

1 x Bluefin Base HT (2916)

Intermediate sanding Grit size 280 – 360

Pigmented:

Drying overnight at room temperature.

1 - 3 x Bluefin Pigmores 4in1 G50 (3505) depending on the desired substrate and body

Intermediate sanding

Colourless:

Step grind 360 / 500 / 600

Intermediate sanding must be carried out immediately before the subsequent coating is applied in order to ensure good intermediate adhesion!

Pigmented:

On Bluefin Pigmores 4in1 G50 (3505), Bluefin Gloss (2931) is applied without intermediate sanding.

Topcoat

1 x Bluefin Gloss (2931), applying a quantity of 100 - 170 g/m².

The smoothest surface is achieved by applying a quantity of 150 - 170 g / m².

Topcoat (optional)

2 x Bluefin Gloss (2931) approx. 110 g/m²

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	4 kg, 20 kg
Colour shades / Glosslevels	Bluefin Gloss G100 (2931000100)
Supplementary products	Aqua-Cleaner 8029 (8029) Aqua-Hardener 8451 (8451) Bluefin Base HT (2916) Bluefin Pigmores 4in1 G50 (3505) Clean-Möbelpflege Plus (7222) Clean-Möbelreiniger (7202) Please refer to the corresponding technical data sheets of the products.

FURTHER DETAILS

Durability / storage	Min. 1 year(s) in the original sealed containers. Close opened containers well and use up the content as soon as possible.
Technical specifications	Delivery viscosity: 80 – 90 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.