

Bluefin JET

2950

Water-based, quick-drying clear coating for **industrial use**

PRODUCT DESCRIPTION

General

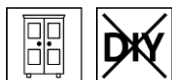
Water-based two-component clear coating for wood. Quick drying. Can be processed "varnish-on-varnish"; good filling power, very good cream and grease resistance (CFB); good mechanical and chemical resistance; very good light fastness; excellent anti-blocking properties. Particularly suitable for paintwork where quick stackability is required due to the production process.

Special properties and standards

- **ÖNORM A 1605-12** (furniture surfaces):
Resistance to chemical reactions: 1-B
Response to abrasion: 2-D (≥ 50 U)
Response to scratches: 4-E
- **ÖNORM A 3800-1** (fire behaviour) in conjunction with a flame-retardant substrate:
flame-retardant (formerly B 1 acc. to B 3800 -1), Q1, Tr 1
- **French ordinance DEVL1104875A** regarding the marking of construction coating products for their emission of volatile pollutants: A+



Application areas



- For the coating of furniture and interior finishing exposed to normal levels of stress, such as shelves in the home, fronts and permanently visible areas, surfaces used on seating furniture and not permanently visible areas (except tabletops): Application areas III – IV in accordance with ÖNORM A 1610-12.
- For industrial coffin varnishing.
- For painting wall and ceiling elements.
- For hardly inflammable or flame-retardant coating systems.

PROCESSING

Instructions for use



- Please stir the product before use.
- The temperature of the product and object, and the room temperature must be at least +15 °C.
- Various types of wood such as Oak and Larch, etc. contain water-soluble substances, which become active when overcoating with water-based furniture coatings. To prevent discolouration or marks (these can be more or less pronounced depending on the origin of the wood), when painting **oak, larch and other types of wood rich in active substances** we therefore recommend priming them first with ADLER PUR-Primer 25291.

12-18 ZKL 2950

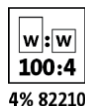
ADLER-Werk Lackfabrik, A-6130 Schwaz
Fon: 0043/5242/6922-301, Fax: 0043/5242/6922-309, Mail: technical-support@adler-lacke.com

Our instructions for use are based on knowledge available currently and shall guide the buyer/user to the best of one's knowledge, but, however, must be clarified for the areas of application and processing conditions on a case-to-case basis. The buyer/user is responsible for deciding on the suitability and use of the delivered product, which is why it is recommended to produce a sample to check the suitability of the product. Otherwise our General Terms of Sale apply. All previous data sheets are rendered invalid with the issue of this one. Rights reserved for the modification of the container sizes, colour shades and degrees of gloss available.

Alternatively, ADLER Aqua-Intense GL 30016 can be used as a primer for hardwoods.

- Please follow our “**Working guidelines for water-based furniture varnishes**”.
- Please observe the relative technical data sheets of the products.

Blending ratio



100 parts by weight Bluefin JET 2950
4 parts by weight of ADLER Aqua-Vernetzer 82210

ADLER Aqua-Vernetzer must be carefully worked into the paint components by stirring before processing. We recommend observing a waiting time of approx. 10 min. before processing.

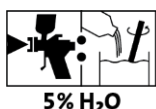
Pot life



3 days

Increased temperatures reduce the pot life.

Application technique



Application method	Airless	Airless air-supported (Airmix, Aircoat, etc.)	Cup gun
Spray nozzle (ø mm)	0.23 - 0.33	0.23 - 0.33	1.8 - 2.0
Spraying pressure (bar)	100 - 120	60 - 90	3 - 4
Atomized air (bar)	-	1 - 2	-
Thinner	water		
Thinner amount added in %	-	-	approx. 5
Application quantity per application (g/m ²)	approx. 120 - 250; total quantity applied (primer and top coat) up to max. 500		

The shape and properties of the substrate affect the consumption/yield. 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	after approx. 2 hours
Manipulable and stackable	after approx. 2–3 hours

The figures given above are reference values. The drying time depends on the type of substrate, coat thickness, temperature, air exchange and relative atmospheric humidity.

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

In order to improve the firmness of the subsequent coat, we recommend drying overnight at room temperature. In addition, this keeps the content of solvent residues in the paint film low.

Cleaning the working equipment

With water immediately after use.

To remove dried paint residues we recommend using ADLER Aqua-Cleaner 80080 (diluted 1:1 with water).

SUBSTRATE**Type of substrate**

Hardwood and softwood (solid wood);
Special application MDF: MDF boards of good quality and with a high moulded density (e.g. on 19-mm boards greater than 700 kg/m³)

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.

Preparation of the substrate**Hardwoods:**

Sand with grit size 150 – 180 and clean.

Softwoods:

Sand with grit size 100 – 150 and clean.

MDF panels:

Cleaning / smooth sanding with grit size 180 - 220

COATING SYSTEM**Primer**

1 x Bluefin JET 2950

Intermediate sanding

Grit size 240 - 320



Sanding straight through must be avoided, as this may lead to differences in the grain accentuation, which are further increased by yellowing with aging.

Topcoat

1 x Bluefin JET 2950

CLEANING & MAINTENANCE**Cleaning and maintenance**

Cleaning with ADLER Clean-Möbelreiniger 96490. Preservation with ADLER Clean-Möbelpflege Plus 7222000210.

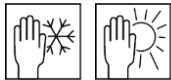
Please observe the relative technical data sheets of the products.

ORDERING INFORMATION

Size of trading unit	25 kg	
Colour shades / degrees of gloss	G10 Stumpfmatt	2950000110
	G30 Matt	2950000130
	G50 Halbmatt	2950000150
	G70 Seidenmatt	2950000170
	G90 Seidenglänzend	2950000190

Supplementary products	ADLER Aqua-Vernetzer 82210 ADLER Aqua-Intense GL 30016 ADLER PUR-Primer 25291 ADLER Aqua-Cleaner 80080 ADLER Clean-Möbelreiniger 96490 ADLER Clean-Möbelpflege Plus 7222000210	
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FURTHER DETAILS

Durability / storage

At least 9 months in the original sealed containers.

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

Technical specifications

Delivery viscosity 100 ± 5 s in accordance with DIN 53211 (6-mm-cup, 20 °C)

Safety-related information

Please pay attention to the associated safety data sheet. The current version can be accessed on the Internet at www.adler-lacke.com.

The product is only suitable for industrial and professional use.

Inhaling paint aerosols whilst spraying must generally be avoided. This is ensured by correctly using a respiratory mask (combination filter A2/P2 – EN 141/EN 143).
