

Bluefin Ecofin Light IQ

2969

Water-based, fast-drying clear varnish for industrial use

PRODUCT DESCRIPTION

General

Water-based 1C clear varnish for wood. Especially for coating jobs where a moderate degree of filling and a rather open-pored look are required. The product can be applied using the "varnish on varnish" method and its stand-out features include very fast drying, very good resistance to cream and grease, good mechanical and chemical resistance, very good lightfastness, outstanding block resistance and good filling performance. Can also be applied directly onto oak. The product contains a special UV filter to protect the surface from premature yellowing or fading. **VOC-free**. Particularly suitable for coating jobs where production requirements mean that the coated items need to be stackable very quickly.

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 (≥ 0.9 N)



- **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



- **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)



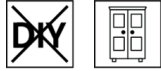
- **French ordinance DEVL1104875A**
Marking of construction coating products for their emission of volatile pollutants: A+
- **Emissions requirements of the eco-label DE-UZ 12a (Blue Angel)**
Confirmed by means of an external test certificate.
When used properly in line with the technical data sheet and the applicable working guidelines.

1-1 IMC 2969 | 09/25 | replaces 1-0

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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 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 for table tops). Application areas III – IV according to ÖNORM A 1610-12.

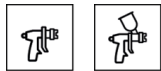
For painting wall and ceiling elements.

For industrial coffin coating.

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.
- Various types of wood (e.g. Larch, various exotic types of wood) 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 coating **oak**, **larch** and other types of wood rich in active substances we therefore recommend priming them first with Aduro Primer (2523).
- 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**.

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)		80 -120	
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)



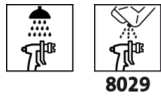
Sandable and recoatable	1 hour(s)
Manipulable and stackable	3 hour(s)

The figures given above are reference values. Drying depends on the substrate, layer thickness, temperature, air exchange, relative humidity, stacking pressure and stacking conditions.

In order to improve the firmness of the subsequent coating, we recommend drying overnight at room temperature.

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

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).

Conveyor belts and material lines: Clean-Smart B&P (8015000210)

Heavily soiled material lines: Clean-Smart Gel (8060000210)

SUBSTRATE

Type of substrate

Hard and softwood (solid wood)

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

Hardwoods: Sand and clean with 150 - 180 grit

Softwoods: Sand and clean with 100 - 150 grit

COATING SYSTEM

Primer coat

1 x Bluefin Ecofin Light IQ (2969)

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.

Remove sanding dust.

Topcoat

1 x Bluefin Ecofin Light IQ (2969)

CLEANING AND MAINTENANCE

Cleaning and Maintenance

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

ORDERING INFORMATION

Size of trading unit

5 kg, 25 kg, 120 kg

Colour shades / Glosslevels

Bluefin Ecofin Light IQ G03 (2969000103)

Supplementary products

Aduro Primer (2523)

Aqua-Cleaner 8029 (8029)

Clean-Smart B&P (8015)

Clean-Smart Gel (8060)

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.

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: 45 – 50 seconds according to DIN 53211
(6 mm measuring cup, 20 °C)

Safety information

The product is only suitable for industrial 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.
