

## Bluefin Ecofin Light

2951

Water-based, quick-drying clear coat for industrial use

### PRODUCT DESCRIPTION

#### General

Water-based one-component casting coat for wood. Especially for moderately full-bodied, rather open-pored finishes. The product can be applied "lacquer on lacquer" and is characterized by very fast drying, very good cream and grease resistance (CGR), good mechanical and chemical resistance, very good light fastness, excellent block resistance and good filling power. Can also be used directly on oak. The product contains a special UV filter to protect against premature yellowing or fading. Particularly low VOC content.

Especially suitable for coatings where fast stacking is required for production reasons.

#### Special properties and standards



- **ÖNORM A 1605-12 (furniture surfaces)**

Resistance to chemical reactions: 1-B  
Response to abrasion: 2-D ( $\geq 50$  U)  
Response to scratches: 4-E ( $\geq 0.9$  N)



- **DIN 68861 (furniture surfaces)**

Part 1: Response to chemical stress: 1-B  
Part 2: Response to abrasion: 2 D ( $> 50$  to  $\leq 150$  U)  
Part 4: Response to scratches: 4 E ( $> 0.5$  to  $\leq 1.0$  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**

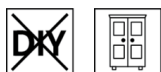
Safety of toys; migration of certain elements (free of heavy metals)



- **French ordinance DEVL1104875A**

Marking of construction coating products for their emission of volatile pollutants: A+

#### 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.

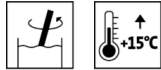
For painting wall and ceiling elements.

For industrial coffin coating.

For hardly inflammable or flame-retardant coating systems.

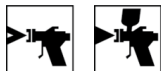
## PROCESSING

### 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/m²)	80 - 120		
Total quantity applied (g/m²)	max. 450		

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)



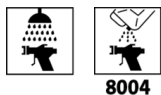
Sandable and recoatable	1 hour(s)
Manipulable and stackable	3 hour(s)

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

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

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 (8004) (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 (2951)
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 Ecofin Light (2951)
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 G05 (2951000105) Bluefin Ecofin Light G10 (2951000110) Bluefin Ecofin Light G20 (2951000120) Bluefin Ecofin Light G30 (2951000130) Bluefin Ecofin Light G40 (2951000140) Bluefin Ecofin Light G50 (2951000150) Bluefin Ecofin Light G60 (2951000160) Bluefin Ecofin Light G70 (2951000170) Bluefin Ecofin Light G80 (2951000180)
Supplementary products	Aduro Primer (2523) Aqua-Cleaner (8004) Clean-Smart B&P (8015000210) Clean-Smart Gel (8060000210) 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).
 	
Technical specifications	Delivery viscosity: approx. 45 - 50 seconds according to DIN 53211 (6mm measuring cup, 20 °C)

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## 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](http://www.adler-lacke.com).

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