

Bluefin Ecofin CC

2958

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

PRODUCT DESCRIPTION

General

Water-based transparent 1C paint for curtain coating of wood. The product can be applied using the "varnish on varnish" method and offers 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. Especially low VOC content. 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)



- **Cradle to Cradle Certified® Silver**
Cradle to Cradle Certified® is the global standard for products that are safe, circular and responsibly made.



- **French ordinance DEVL1104875A**
Marking of construction coating products for their emission of volatile pollutants: A+

1-0 IMC 2958 | 03/25 | replaces 0-1

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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.

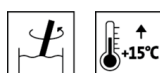
Application area

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 in conjunction with a flame-retardant substrate.

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 such as Oak, various exotic woods, 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 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

	Curtain coater
Diluent	Water
Applied quantity per application (g/m²)	80 - 120
Total quantity applied (g/m²)	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. 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 (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 CC (2958)
Intermediate sanding	Grit size 240 – 320 Remove sanding dust. 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 CC (2958)
CLEANING AND MAINTENANCE	
Cleaning and Maintenance	Cleaning with Clean-Möbelreiniger (7202) and care with Clean-Möbelpflege Plus (7222).
ORDERING INFORMATION	
Size of trading unit	25 kg
Colour shades / Glosslevels	Bluefin Ecofin CC G10 (2958000110) Bluefin Ecofin CC G20 (2958000120) Bluefin Ecofin CC G30 (2958000130) Bluefin Ecofin CC G40 (2958000140) Bluefin Ecofin CC G50 (2958000150) Bluefin Ecofin CC G60 (2958000160) Bluefin Ecofin CC G70 (2958000170) Bluefin Ecofin CC G80 (2958000180)
Supplementary products	Aduro Primer (2523) Aqua-Cleaner 8029 (8029) Clean-Möbelpflege Plus (7222) Clean-Möbelreiniger (7202) Clean-Smart B&P (8015000210) Clean-Smart Gel (8060000210) 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: 58 – 63 seconds according to DIN 53211
(4 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.
