

Bluefin Resist

2963

Water-based transparent **multi-coat varnish** for **furniture and interior finishing** for **industrial and professional use**

PRODUCT DESCRIPTION

General

Water-based one-component clear coating for wood. Excellent chemical and mechanical resistance as well as cream and grease resistance; excellent grain accentuation, transparency and filling power; good light-fastness; excellent firmness on vertical surfaces. The product contains a special UV filter with light protection, which protects the wood substrate and eventually used stains against premature yellowing and fading. Suitable for the "paint on paint" method.

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-D (≥ 1.0 N)
- **DIN 68861** (furniture surfaces)
Part 1: Response to chemical stress: 1 B
Part 2: Response to abrasion: 2 D (over 50 to 150 U)
Part 4: Response to scratches: 4 D ($> 1,0$ up to $\leq 1,5$ N)
- **EN 13501-1** (fire behaviour) in conjunction with a flame-retardant substrate - also veneered: B-s1,d0
- Highly non-combustible coating material for sea-going vessels (complying with SOLAS 74/88 Chapter II-2)
- **ISO 10993-5 / 10993-12** Toxicity test: not cytotoxic
- **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** regarding the marking of construction coating products for their emission of volatile pollutants: A+

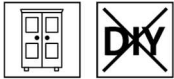


03-22 ZKL 2963

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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. Our general terms and conditions of sale are otherwise applicable. 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.

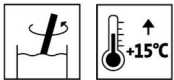
Application areas



- 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.
- Especially suitable for painting chairs and other frame-type furniture and for objects that require outstanding cream and grease resistance.
- 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.
 - Bluefin Resist 2963 is one-component processed.
 - Bluefin Resist 2963 is characterised by good transparency and grain accentuation of the wood substrate. If a stronger grain accentuation / higher light protection is desired, for light woods such as Maple or Oak 1.5 % and for dark woods such as Walnut 3 % Aquafix UV 100 8148000210 can be added to the coating.
 - Various types of wood such as Oak, diverse Exotenhölzer, 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 PUR-Primer 25291.
 - The application quantity is 2 x 100 gm/m² for coating structures on sea-going vessels.
 - Regarding the coating of interior fittings on ships the flame-retardant surface material must not be used on pipes, pipe covers and cables.
 - Please follow our **ARL 150 - Working guidelines for water-based furniture coatings**.
 - Please observe the relative technical data sheets of the products.
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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	2.5 - 3.5
Atomized air (bar)	-	1 - 2	-
Application quantity per application (g/m ²)	approx. 80 - 120 total quantity applied (primer and topcoat) max. 450		

The product is ready to use.

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

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.

Cleaning the working equipment



With water immediately after use.

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

SUBSTRATE

Type of substrate

Hard and softwood (solid wood, veneered-, wood shaving (coated) - or wood fibre materials)

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: wood sanding grit size 150–180
Softwoods: Wood sanding grit size 100–150

COATING SYSTEM

Primer

1 x Bluefin Resist 2963

Intermediate sanding

Grit size 240 - 320

Avoid sanding straight through!

Topcoat

1 x Bluefin Resist 2963

CLEANING AND 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**

5 kg; 25 kg

Colour shades / degrees of gloss

G05 Naturmatt	2963000105
G10 Stumpfmatt	2963000110
G30 Matt	2963000130
G50 Halbmatt	2963000150
G70 Seidenmatt (silk matt)	2963000170
G 90 Seidenglänzend (silky glossy)	2963000190

Supplementary products

Aqua-Tint Kirsch Gold	89060
Aqua-Cleaner	80080
PUR-Primer	25291
Aquafix UV 100	8148000210
Clean-Möbelreiniger	96490
Clean-Möbelpflege Plus	7222000210

FURTHER DETAILS**Durability / storage**

At least 12 months in the original sealed containers.

Store cool but frost-free.

Technical specifications

Delivery viscosity	1500 ± 300 cP (Brookfield spindle 4/20 UpM/ 2 min/20 °C)
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Safety-related information

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.

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 breathing mask (combination filter A2/P2).