

Bluefin Terra-Resist

2972

Water-based, transparent **multi-layer coating** based on renewable raw materials for furniture and interior finishing for **professional and industrial use**

PRODUCT DESCRIPTION

General

Water-based, single-component clear coating for wood, based on renewable raw materials. Excellent chemical and mechanical resistance as well as outstanding cream and grease resistance (CFB); good grain accentuation, transparency and filling power; good light fastness; very good sag resistance on vertical surfaces. The product contains a special UV filter with a UV-protection function, which protects the wood substrate and any wood stains used from premature yellowing or fading. "Coat-on-coat" can be applied.

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-D ($\geq 1,0$ N)
Flame treatment: 5-B (highly non-flammable furniture surfaces)
- **DIN 68861 (furniture surfaces)**
Confirmed by an external test certificate.
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 D ($> 1,0$ to $\leq 1,5$ N)
- **EN 13501-1 (fire behaviour)**
Confirmed by an external test certificate.
In combination with a non-combustible substrate, e.g. materials of fire class A1 or A2: classification as B-s1, d0. For the classification of the reaction to fire, the complete build-up (carrier board / glue / veneer or foil) is always taken into account.
- **ÖNORM EN 71-3**
Confirmed by an external test certificate.
Safety of toys; migration of certain elements (free of heavy metals).
- **DIN 53160-1 and DIN 53160-2**
Perspiration and saliva-proof properties
- **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 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.

4-0 IMC 2972 | 09/26 | replaces 3-2

ADLER-Werk Lackfabrik, A-6130 Schwaz

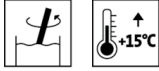
Fon: +43/5242/6922-190, Fax: +43/5242/6922-309, Mail: technical-support@adler-lacke.com

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.

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.
- Bluefin Terra-Resist (2972) is one-component processed.
- Bluefin Terra-Resist (2972) is characterised by good transparency and good accentuation of the wood substrate. If stronger accentuation or higher light protection is required, 1.5% can be added to the coating for light-coloured woods such as maple or oak, and 3% Aquafix UV 100 (8148) for dark woods such as walnut.
- 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 marking (which may vary in intensity depending on the wood's origin), we therefore recommend pre-priming **larch** and other **extractive-rich woods** with **Aduro Primer (2523)** before coating.
- 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	2,5 - 3,5
Vaporizer Air (bar)	-	1 - 2	-
Applied quantity per application (g/m²)	80 - 120		
Total quantity applied (g/m²)	max. 450*		

*(Primer and topcoat)

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)



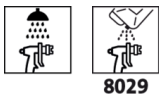
Sandable and recoatable:

approx. 3 hour(s)

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

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

Cleaning the working equipment



With water immediately after use.

To remove dried paint residues we recommend using Clean Aqua-Cleaner (8029) (diluted 1:1 with water).

SUBSTRATE	
Type of substrate	Hard and softwood (solid wood-, veneer-, (coated) chipboard-, wood fibre boards)
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	Wood sanding Hardwoods: Grit size 150 - 180 Softwoods: Grit size 100 - 150
COATING SYSTEM	
Primer coat	1 x Bluefin Terra-Resist (2972)
Intermediate sanding	Grit size 240 – 320 Remove sanding dust. Avoid sanding straight through!
	
Topcoat	1 x Bluefin Terra-Resist (2972)
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
Colour shades / Glosslevels	Bluefin Terra-Resist G03 (2972000103) Bluefin Terra-Resist G05 (2972000105) Bluefin Terra-Resist G10 (2972000110) Bluefin Terra-Resist G30 (2972000130) Bluefin Terra-Resist G50 (2972000150) Bluefin Terra-Resist G70 (2972000170)
Supplementary products	Aduro Primer (2523) Clean Aqua-Cleaner 8029 (8029) Aquafix UV 100 (8148) 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. Store cool but frost-free. Close opened containers well and use up the content as soon as possible.
	
Technical specifications	Delivery viscosity: 60 – 65 seconds according to DIN 53211 (6 mm measuring cup, 20 °C)

Safety information

The product is only suitable for the industrial and professional 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**.
