

Bluefin Resist Thix

2964

Water-based, transparent **multicoat varnish** for **furniture and interior finishing**, for **industrial use**

PRODUCT DESCRIPTION

General

Water-based single-component clear varnish for wood. Outstanding chemical and mechanical resistance and outstanding resistance to cream and grease; excellent grain accentuation, transparency and filling performance; good lightfastness; excellent stability on vertical surfaces. The product contains a special UV filter with a light protection effect, which protects the wooden substrate and any wood stains that may have been used from premature yellowing and fading. Can be applied using the "varnish on varnish" 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 (> 50 to ≤ 150 U)
Part 4: Response to scratches: 4 D ($> 1,0$ to $\leq 1,5$ N)



- **DIN 53160-1 and DIN 53160-2**
Perspiration and saliva-proof properties

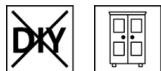


- **ÖNORM EN 71-3**
Safety of toys; migration of certain elements (free of heavy metals)



- **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 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.

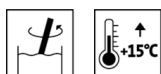
Especially suitable for painting chairs and other frame-type furniture and for objects that require outstanding cream and grease resistance.

For upright surfaces and for profiled workpieces and battens.

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 Resist Thix (2964) is one-component processed.
- Bluefin Resist Thix (2964) is characterised by good transparency and accentuation of the wood substrate. If even stronger accentuation/higher light protection is required, 1.5% can be added to the varnish 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 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



	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		

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)

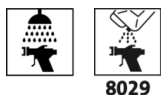


Sandable and recoatable:	approx. 3 hour(s)
--------------------------	-------------------

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 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 Resist Thix (2964)
Intermediate sanding	Grit size 240 – 320 Remove sanding dust. Avoid sanding straight through!
	
Topcoat	1 x Bluefin Resist Thix (2964)
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 Resist Thix G05 (2964000105) Bluefin Resist Thix G10 (2964000110) Bluefin Resist Thix G30 (2964000130) Bluefin Resist Thix G50 (2964000150) Bluefin Resist Thix G70 (2964000170) Bluefin Resist Thix G90 (2964000190)
Supplementary products	Aduro Primer (2523) 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. Cool, but frost-free.
	
Technical specifications	Delivery viscosity: 4,800 – 5,200 mPas (Brookfield spindle 4/20 rpm/2 min/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**.
