

## Bluefin Step-Silent IQ

2968

Water-based, creak-free sealing coat for stair treads, for industrial use

### PRODUCT DESCRIPTION

#### General

Transparent, water-based, creak-free single-component sealing coat with anti-slip properties for stair treads; very good abrasion resistance, very good filling performance, good block resistance, very good chemical resistance, good transparency, very good stability on vertical surfaces, resistant to cream and grease.

#### Special properties and standards



- **ÖNORM A 1605-12 (furniture surfaces)**  
Response to abrasion: 2-C (≥ 150 U)



- **ÖNORM A 3800-1 (fire behaviour)**  
In conjunction with a flame-retardant substrate:  
flame-retardant, Q1, Tr 1



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

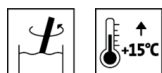
#### Application area



For the spray coating of stair treads and wooden floorboards.  
Makes surfaces slip-resistant and creak-free.

### 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).
- You should only use a roller to apply Bluefin Step-Silent IQ (2968) on smaller surfaces and using a flocked foam roller.

- The more matt the surface finish, the more visible shiny marks from repeated mechanical stress to the coated surface will become.
- Creak-free providing the staircase is properly installed and built (construction, accuracy of fit, wood moisture).
- As regards creaking, **for recessed stair treads**, we recommend that the coated components should be allowed to dry for at least 3 days - ideally 7 days - before constructing the staircase.
- **For enhanced slip resistance you can add 10% Aquafix S (8110) to the topcoat.**
- 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



0 – 5% H<sub>2</sub>O

	Airless	Airless air-supported (Airmix®, Aircoat, etc.)	Cup gun	Rolling
Spraying nozzle Ø (mm)	0,28 - 0,33		2,0	-
Spraying pressure (bar)	100 - 120		3	-
Vaporizer Air (bar)	-	1 - 2	-	
Diluent	Water			
Diluent amount added (%)	-		0 - 5	10
Applied quantity per application (g/m²)	100 - 120			
Total quantity applied (g/m²)	max. 450*			

\*(Primer and topcoat)

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)

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.

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

### Cleaning the working equipment



8029




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)

<b>Substrate property</b>	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.
<b>Substrate preparation</b>	<b>Hardwoods:</b> Wood sanding Grit size 150 – 180 <b>Softwoods:</b> Wood sanding Grit size 100 – 150
<b>COATING SYSTEM</b>	
<b>Primer coat</b>	1 – 2 x Bluefin Step-Silent IQ (2968)
<b>Intermediate sanding</b>	After each primer coat: 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.
	
<b>Topcoat</b>	1 x Bluefin Step-Silent IQ (2968)
<b>CLEANING AND MAINTENANCE</b>	
<b>Cleaning and Maintenance</b>	Stairs should be cleaned from time to time with a cloth moistened with Clean-Parkettreiniger (7207). This allows stubborn dirt and scuff marks to be removed. Then wipe the surfaces dry.  We would advise against the use of commercially available parquet care products to maintain your parquet flooring as they can make the floor very slippery and dangerous.
<b>ORDERING INFORMATION</b>	
<b>Size of trading unit</b>	22 kg
<b>Colour shades / Glosslevels</b>	Bluefin Step-Silent IQ G10 (2968000110) Bluefin Step-Silent IQ G30 (2968000130) Bluefin Step-Silent IQ G50 (2968000150) Bluefin Step-Silent IQ G70 (2968000170)
<b>Supplementary products</b>	Aduro Primer (2523) Aqua-Cleaner 8029 (8029) Aquafix S (8110) Clean-Parkettreiniger (7207)  Please refer to the corresponding technical data sheets of the products.
<b>FURTHER DETAILS</b>	
<b>Durability / storage</b>	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).
 	
<b>Technical specifications</b>	Delivery viscosity: 1,200 – 1,400 mPas (Brookfield spindle 4/20 rpm/2 min/20 °C)

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

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