

Technical data sheet

Bluefin Isoprimer

3141

 Water-based primer for staircase construction for **professional** and **industrial use**

PRODUCT DESCRIPTION

General

Water-based, opaque, high-build, single-component primer coat with very good stain-blocking performance for the wood species Hevea; very good filling power, high elasticity, fast drying, good sandability. The product is intended for use as a primer beneath the water-based pigmented coating systems Bluefin Pigmocryl NG (3201) in various qualities.

Special properties and standards



- **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



Primer coat for opaque pigmented coating systems in staircase construction, for stringers and treads

Specifically suitable for use on the wood species Hevea.

Application in combination with a suitable topcoat system.

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.
- 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 technique5% H₂O

	Airless	Airless air-supported (Airmix®, Aircoat, etc.)	Cup gun
Spraying nozzle Ø (mm)		0,23 - 0,33	2,0
Spraying pressure (bar)	100 - 120	60 - 90	2 - 3
Vaporizer Air (bar)	-	1 - 2	-
Diluent	Water		
Diluent amount added (%)	-		5
Applied quantity per application (g/m²)	200		
Total quantity applied (g/m²)	max. 650*		

*(Primer and topcoat)

The product is ready to use.

Accurate values for consumption must be obtained by applying trial coats in advance. The shape and surface condition of the workpiece as well as the type of application influence the actual consumption.

Drying times

(at 23 °C and 50 % rel. humidity)



Sandable and recoatable: approx. 3 hour(s)

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

Low humidity, high temperatures or air speeds that are too high during the initial drying phase can result in sub-optimal de-aerating.

Drying conditionsIf necessary, a forced drying is also possible. **Example:**

35 - 45 minutes	belt-type pallet drier (Rising temperature up to max. + 50 °C, air speed approx. 2 m/s)
or	
15 - 20 minutes	Flat channel dryer (Rising temperature up to max. + 50 °C, air speed approx. 2 m/s)

The mentioned system parameters are reference values, which must be coordinated with the respective plant. Drying depends, for example, on the type of wood, workpiece shape, layer thickness, temperature, air exchange, relative humidity, stacking pressure and stacking conditions.

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**

Hevea wood; solid wood suitable for opaque coating, as well as veneered particleboard or fibreboard.

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 Grit size 150 – 180
COATING SYSTEM	
Primer coat	1 – 2 x Bluefin Isoprimer (3141)
Intermediate sanding 	Grit size 240 – 320 Avoid sanding straight through! Remove sanding dust.
Subsequent coating	1 x Bluefin Pigmocryl NG G10 (3201) in the desired colour shade and gloss level + 20 % Aquafix E (8128000210)
Intermediate drying time	ca. 3 hour(s)
Topcoat	1 x Bluefin Step-Silent (2967)
ORDERING INFORMATION	
Size of trading unit	25 kg
Colour shades / Glosslevels	Bluefin Isoprimer Weiß (3141050000)
Supplementary products	Aqua-Cleaner 8029 (8029) Aquafix E (8128) Bluefin Pigmocryl NG G10 (3201) Bluefin Step-Silent (2967) Bluefin Pigmocryl NG (various qualities) 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. Close opened containers well and use up the content as soon as possible.
Technical specifications	Delivery viscosity: 9,000 (Brookfield spindle 4/20 rpm/2 min/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 .