

Bluefin Jet-Base

2914

Water-based, quick-drying primer for industrial use

PRODUCT DESCRIPTION

Product numbers

2914000200

General

Water-based, transparent one-component primer for wood. Very fast drying, very good filling power, good mechanical resistance and excellent sandability. Particularly suitable for coating systems where fast recoatability is required for production reasons.

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 for transparent coating structures in furniture and interior finishing.
For profiled parts such as battens or frame furniture.

For industrial coffin coating.

For hardly inflammable or flame-retardant coating systems in conjunction with a flame-retardant substrate.

Application in combination with a suitable topcoat system.

The area of application depends on the processing of the product and the topcoat system selected.

PROCESSING

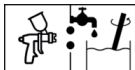
Processing instructions



- 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 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.

Application technique

5% H₂O

	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 - 3
Vaporizer Air (bar)	-	1 - 2	-
Diluent	Water		
Diluent amount added (%)	-		5
Applied quantity per application (g/m ²)	120 - max. 250		
Total quantity applied (g/m ²)	max. 500*		

*(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)



1-2 h

Sandable and recoatable	1 - 2 hour(s)
Manipulable and stackable	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. Lower temperatures and/or high level of atmospheric humidity can increase the drying time.

In order to improve the firmness of the subsequent coating, we recommend drying overnight at room temperature. In addition, this keeps the content of solvent residues in the paint film low.

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).

Conveyor belts and material lines: Clean-Smart B&P (8015000210)

Heavily soiled material lines: Clean-Smart Gel (8060000210)

SUBSTRATE

Type of substrate

Hard and softwood (solid wood)

Special application MDF: On MDF boards of good quality and a high bulk density (e.g. with 19 mm boards greater than 700 kg/m³), Bluefin Jet-Base (2914) can be used directly without pre-priming.

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

Hardwoods: Lightly sand with 150 - 180 grit and clean

Softwoods: Lightly sand with 100 - 150 grit and clean

MDF panels: Cleaning/smoothing sanding grit size 180 - 220

COATING SYSTEM

Primer coat 1 x Bluefin Jet-Base (2914)

Intermediate sanding



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.

Topcoat

1 x Bluefin Ecofin (2953) or Bluefin Unistar (2965) in the desired gloss level

ORDERING INFORMATION

Size of trading unit

25 kg

Supplementary products

Aduro Primer (2523)
Aqua-Cleaner 8029 (8029)
Bluefin Ecofin (2953)
Bluefin Unistar (2965)
Clean-Smart B&P (8015000210)
Clean-Smart Gel (8060000210)

Please refer to the corresponding technical data sheets of the products.

FURTHER DETAILS

Durability / storage



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).

Close opened containers well and use up the content as soon as possible.

Technical specifications

Delivery viscosity: 5,500 (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.