

Bluefin Baselux

3810

Water-based, UV-curing furniture primer for professional and industrial use
System-matched in the build-up with Bluefin Multilux U, OP, HF and Top

PRODUCT DESCRIPTION

General

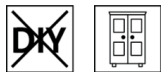
Water-based, UV-curing base coating for industrial series coating of wood. The product is characterised by very good sandability, good sag resistance on vertical surfaces, good filling power and very good grain enhancement. It can also be applied directly to oak. For the wood species oak, it is used to prevent discolouration caused by water-soluble wood extractives in water-based coating systems, particularly on untreated or lightly stained surfaces.

Special properties and standards



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

Application area



Primer for full-bodied coatings for furniture and interior finishing.

For coating surfaces that are subject to heavy wear in furniture and interior finishing, e.g. hotel and school facilities, kitchen and bathroom furniture. Areas of application II – IV in accordance with ÖNORM A 1610-12.

Application in combination with a suitable topcoat system.

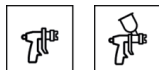
For hardly inflammable or flame-retardant coating systems.

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.
- For the wood type **larch** we recommend **Aduro Primer (2523)** as a base-coat.
- The build-up Bluefin Baselux (3810) / Bluefin Multilux is characterised by excellent transparency and grain enhancement of the wood substrate. If an even more pronounced grain accentuation is wanted on dark timbers, the wood should be stained before coating.
- Regarding wood stains that can be used under water-based UV paints, please contact your technical adviser.
- 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
Spraying pressure (bar)		100 - 120	ca. 3 - 4
Vaporizer Air (bar)	-	1 - 2	-
Viscosity 4-mm-cup (s)		100	
Applied quantity per application (g/m ²)		90 - 120	
Total quantity applied (g/m ²)		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 conditions**Flashing off the water:**

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.

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

UV curing

Feed 2 - 3 m/min (with one radiator)

UV high-performance radiator 80 - 120 W/cm

The feed can be increased in direct proportion to the number of radiators.

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).

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




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

SUBSTRATE**Type of substrate**

Fine-pored and coarse-pored hardwoods and softwoods.

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: Sand and clean with 150 - 180 grit Softwoods: Sand and clean with 100 - 150 grit
COATING SYSTEM	
Primer coat	1 x Bluefin Baselux (3810)
Intermediate sanding	Grit size 240 – 320 Sanding straight through must be avoided, as this may lead to differences in the grain accentuation, which are further increased by yellowing with aging. Remove sanding dust.
	
Topcoat	1 x water-based ADLER UV furniture coating such as Bluefin Multilux U (3851) in the desired gloss level.
CLEANING AND MAINTENANCE	
Cleaning and Maintenance	Cleaning with Clean-Möbelreiniger (7202) and care with Clean-Möbelpflege Plus (7222).
ORDERING INFORMATION	
Size of trading unit	25 kg More sizes on request.
Colour shades / Glosslevels	Bluefin Baselux Farblos (3810000200)
Supplementary products	Aduro Primer (2523) Aqua-Cleaner 8029 (8029) Bluefin Multilux U (3851) Clean-Möbelpflege Plus (7222) Clean-Möbelreiniger (7202) Clean-Smart B&P (8015) Clean-Smart Gel (8060) Please refer to the corresponding technical data sheets of the products.
FURTHER DETAILS	
Durability / storage	Min. 6 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: 105 – 115 seconds according to DIN 53211 (4 mm measuring cup, 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 .
