

## Bluefin Baselux

3810000200

### Water-based, UV-curing furniture primer for industrial and professional use

It has been matched as a system with Bluefin Multilux U, OP, HF and Top

## PRODUCT DESCRIPTION

### General

Water-based, UV-curing primer for the industrial serial coating of wood. Excellent sanding properties, good firmness on vertical surfaces, good filling power, very good grain accentuation, can also be used directly on oak. For the oak species to prevent discolouration caused by water-soluble wood extractives in the water-based coating system, especially for unstained or brightly stained surfaces.

### Special properties and standards



- **French ordinance DEVL1104875A** regarding the 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 large-scale industrial coating of furniture and interior finishing exposed to high levels of stress, such as hotel and school furnishings, kitchen and sanitary furniture: application areas II to IV according to ÖNORM A 1610-12.
- Application in combination with a suitable topcoat system.
- For hardly inflammable or flame-retardant coating systems.

## PROCESSING

### Instructions for use



- Please stir the product before use.
- The temperature of the product and object, and the room temperature must be at least +15 °C.
- For **larch** we recommend **ADLER PUR-Primer 25291** as a base-coat.
- The Bluefin Baselux 3810000200 / Bluefin Multilux 3850 ff structure is characterized by good transparency and grain accentuation 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.

- Please follow our **ARL 150 - Working guidelines for water-based furniture coatings.**

### Application technique



Application method	Airless	Airless air-supported (Airmix, Aircoat, etc.)	Cup gun
Spray nozzle (ø mm)	0.23 - 0.33	0.23 - 0.33	1.8
Spraying pressure (bar)	100 - 120	100 - 120	approx. 3 - 4
Atomising air (bar)	-	1 - 2	-
Viscosity (sec.) 4-mm-cup, 20°C	100	100	100
Application quantity per application (g/m <sup>2</sup> )	approx. 90 - 120 per application; total quantity applied (primer and top coat) up to max. 450		

The product is ready to use. The shape, the properties and moisture of the substrate affect the consumption/yield. Accurate values for consumption must be obtained by applying trial coats in advance.

### Drying conditions

Belt-type pallet drier (maximum temperature 50 °C)	35 - 45 min.
Flat channel drier (maximum temperature 50 °C, air speed approx. 2 m/s)	15 - 20 min

The figures given above are reference values, which must be coordinated with the respective facility. The drying time depends e.g. on the type of wood, coat thickness, temperature, air exchange and relative humidity.

### UV curing



	Feed
Hg-doped UV high-power radiator 80 - 100 W/cm (with one radiator)	2 - 3 m/min

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

### Cleaning equipment



the working With water immediately after use.

To remove dried paint residues we recommend using ADLER Aqua-Cleaner 80080 (diluted 1:1 with water).

Belt cleaning: ADLER Bandreinigungslösung 80066

<b>SUBSTRATE</b>	
<b>Type of substrate</b>	Fine pored and coarsely porous hardwoods, softwood
<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>Preparation of the substrate</b>	<p><b>Hardwoods:</b> Sand with grit size 150 – 180 and clean.</p> <p><b>Softwoods:</b> Sand with grit size 100 – 150 and clean.</p>
<b>COATING SYSTEM</b>	
<b>Primer</b>	1 x Bluefin Baselux 3810000200
<b>Intermediate sanding</b>	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.
<b>Topcoat</b>	1 x water-based UV furniture varnish as for example Bluefin Multilux U 3851 in the desired gloss level.
<b>CLEANING &amp; MAINTENANCE</b>	
<b>Cleaning and maintenance</b>	<p>Cleaning with ADLER Clean-Möbelreiniger 96490. Preservation with ADLER Clean-Möbelpflege Plus 7222000210.</p> <p>Please observe the relative technical data sheets of the products.</p>
<b>ORDERING INFORMATION</b>	
<b>Size of trading unit</b>	25 kg More sizes on request.
<b>Supplementary products</b>	<p>ADLER Aqua-Cleaner 80080</p> <p>ADLER Bandreinigungslösung 80066</p> <p>Bluefin Multilux U 3851000105 ff</p> <p>ADLER Clean-Möbelreiniger 96490</p> <p>ADLER Clean-Möbelpflege Plus 7222000210</p>
<b>FURTHER DETAILS</b>	
<b>Durability / storage</b>	At least 9 months 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 110 ± 5 s in accordance with DIN 53211 (4-mm-cup, 20 °C)

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## Safety-related information



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)**.

The product is only suitable for the industrial and professional use

Inhaling paint aerosols whilst spraying must generally be avoided. This is ensured by correctly using a respiratory mask (combination filter A2/P2).

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