

## Bluefin Pure-Wood

2980000105

Water-based transparent **two-component coating** for furniture and interior finishing for industrial use

### PRODUCT DESCRIPTION

#### General

Water-based two-component furniture coating for achieving an untreated look and feel on wood surfaces; contains renewable raw materials in proportion; good chemical and mechanical resistance.

#### Special properties and standards

- **ÖNORM A 1605-12** (furniture surfaces):  
Resistance to chemical reactions: 1-B  
Response to scratches: 4-E ( $\geq 0.5$  N)
- **DIN 68861** (furniture surfaces)  
Part 1: Response to chemical stress: 1 B  
Part 4: Response to scratches: 4 E ( $> 0.5$  until  $\leq 1.0$  N)
- **ÖNORM A 3800-1** (fire behaviour) in conjunction with a flame-retardant substrate:  
flame-retardant (formerly B 1 acc. to B 3800 -1), Q1, Tr 1
- **French ordinance DEVL1104875A** regarding the marking of construction coating products for their emission of volatile pollutants: A+



#### Application areas



- For the coating of furniture and interior finishing exposed to normal levels of stress, such as tabletops and shelves in the home, fronts and permanently visible areas, surfaces used on seating furniture and not permanently visible areas: Application areas III – IV in accordance with ÖNORM A 1610-12.
- For hardly inflammable or flame-retardant coating systems.

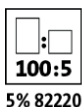
## PROCESSING

### 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.
- Bluefin Pure-Wood can also be used as one component for subordinate parts.
- When coating interior doors, it must be ensured that only sealing profiles compatible with acrylic paints are used.
- Care must be taken to ensure that the wood pores are completely wetted during priming in order to achieve adequate surface protection.
- Please observe the relative technical data sheets of the products.
- Please follow our “**Working guidelines for water-based furniture varnishes**”.

### Blending ratio



20 parts by weight Bluefin Pure-Wood 2980000105  
1 part by weight of ADLER Aqua-PUR-Härter 82220

**ADLER Aqua-PUR-Härter must be carefully worked into the paint components by stirring before processing. We recommend observing a waiting time of approx. 10 min. before processing.**

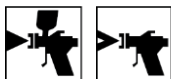
### Pot life



4 hours at approx. 20 °C

Increased temperatures reduce the pot life. A further extension of the pot life is not possible.

### 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 - 2.0
Spraying pressure (bar)	100 - 120	60 - 90	2.5 – 3.5
Atomized air (bar)	-	1 - 2	-
Application quantity per application (g/m <sup>2</sup> )	approx. 60 - 80; total quantity applied (primer and topcoat) max. 160		

The product is ready to use. The shape and properties of the substrate affect the consumption/yield. 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

after approx. 3 hours

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

We recommend drying overnight at room temperature. In addition, this keeps the content of solvent residues in the paint film low.

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.

**Cleaning the working equipment**

With water immediately after use.

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

**SUBSTRATE****Type of substrate**

Hard and softwood (solid wood, veneer, (coated) chipboard, wood fibre boards)

**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.

**Preparation of the substrate**

**Hardwoods:** wood sanding with grit size 150 - 180  
**Softwoods:** wood sanding with grit size 100 - 150

**COATING SYSTEM****Primer coat**

1 x 60 - 80 g/m<sup>2</sup> Bluefin Pure-Wood 2980000105

**Intermediate sanding**

Slight smooth sanding with grit size 280 - 320

Avoid sanding straight through!

**Topcoat**

1 x 60 g/m<sup>2</sup> Bluefin Pure-Wood 2980000105

**CLEANING AND MAINTENANCE****Cleaning and maintenance**

Cleaning with ADLER Clean-Möbelreiniger 96490.

Please observe the relative technical data sheets of the products.

**ORDERING INFORMATION****Size of trading unit**

10 kg, 22 kg

**Colour shades / degrees of gloss**

G5 Naturmatt

2980000105

**Supplementary products**

ADLER Aqua-PUR-Härter 82220  
ADLER Aqua-Cleaner 80080  
ADLER Clean-Möbelreiniger 96490

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**Durability / storage**

At least 6 months in the original sealed containers.

Store cool but frost-free.

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**Technical specifications**

Delivery  
viscosity

65 ± 3 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 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 – EN 141/EN 143).

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