Pache SARL - 64 Route de Gravin, 74300 Magland
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Technical data sheet

ADLER
Paint runs through our veins.

Bluefin Pure-Wood 2980

Water-based, transparent **2C varnish** for **furniture and interior finishing,** for **industrial use**

PRODUCT DESCRIPTION

Product numbers

2980000105

General

Water-based, 2C furniture varnish for achieving an untreated look and feel on wooden surfaces; contains a proportion of renewable raw materials; 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 (≥ 0.5 N)
- **DIN 68861 (furniture surfaces)**
  Part 1: Response to chemical stress: 1 B
  Part 4: Response to scratches: 4 E (> 0.5 to ≤ 1.0 N)
- **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

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 according to ÖNORM A 1610-12.

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.
- Bluefin Pure-Wood (2980) can also be used in the single-component version for secondary parts.
- When coating interior doors, it must be ensured that only sealing profiles compatible with acrylic paints are used.

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Our instructions are based on the current state of knowledge and are intended to advise the buyer/user to the best of our knowledge, but must be individually adapted to the areas of application and processing conditions. The buyer/user is responsible for deciding on the suitability and use of the supplied product, which is why we recommend that a sample be produced to check the suitability of the product. In all other respects, our General Terms and Conditions of Sale apply. All previous data sheets lose their validity with this edition. We reserve the right to make changes to container sizes, color shades and available gloss levels.

- It is important to ensure that the wood pores are completely wetted at the priming stage in order to achieve sufficient surface protection.
- 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.**

Blending ratio

8450 5%

100 Part(s) by weight Bluefin Pure-Wood (2980)
5 Part(s) by weight Aqua-Hardener 8450 (8450000210)

Aqua-Hardener 8450 (8450000210) must be carefully worked into the product by stirring before processing. We recommend waiting approx. 10 minutes before starting work.

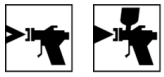
Bluefin Pure-Wood (2980) can only be used with a hardener and in the mixing ratio specified. Deviations lead to film and adhesion problems.

Pot life

4 hour(s) at approx. 20 °C

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

Application technique



	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	25 - 3,5
Vaporizer Air (bar)	-	1 - 2	-
Applied quantity per application (g/m²)	60 - 90		
Total quantity applied (g/m²)	max. 160		

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 times

(at 23 °C and 50 % rel. humidity)

Sandable and recoatable:	approx. 3 hour(s)

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.

The figures given above are reference values. Drying depends on the substrate, 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).

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	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.
Substrate preparation	**Hardwoods:** Wood sanding Grit size 150 – 180 **Softwoods:** Wood sanding Grit size 100 – 150
	COATING SYSTEM
Primer coat	1 x 70 – 90 g/m² Bluefin Pure-Wood (2980)
Intermediate sanding	Slight smooth sanding: Grit size 280 – 320 Avoid sanding straight through!
Topcoat	1 x 70 g/m² Bluefin Pure-Wood (2980)
	CLEANING AND MAINTENANCE
Cleaning and Maintenance	Cleaning with Clean-Möbelreiniger (7202).
	ORDERING INFORMATION
Size of trading unit	4 kg, 10 kg, 22 kg
Supplementary products	Aqua-Cleaner 8029 (8029) Aqua-Hardener 8450 (8450) Clean-Möbelreiniger (7202) Please refer to the corresponding technical data sheets of the products.
	FURTHER DETAILS
Durability / storage	Min. 6 month(s) in the original sealed containers. Cool, but frost-free.
Technical specifications	Delivery viscosity: 65 – 70 seconds according to DIN 53211 (4 mm measuring cup, 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.**

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