Technical data sheet

Paint runs through our veins.

Bluefin Base HT 2916

Water-based, **highly transparent 2C primer with good filling performance** for **furniture and interior finishing**, for use in **industry and trade.**

PRODUCT DESCRIPTION

Product numbers

2916000200

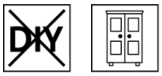
General

Water-based 2C primer with good filling performance, outstanding transparency and grain accentuation, creates a very effective barrier. Water-soluble active substances in the wood (e.g. with larch) are not activated by Bluefin Base HT. The product contains a special UV filter to protect the surface from premature yellowing or fading.

Special properties and standards

- **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.

Filling primer for closed-pore coating systems.

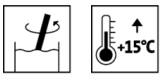
Application in combination with a suitable topcoat system.

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

For hardly inflammable or flame-retardant coating systems.

PROCESSING

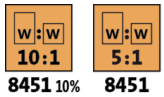
Processing instructions



- Please stir the product before use.
- The temperature of the product and object, and the room temperature must be at least + 15 °C.
- When using as a filling primer for closed-pore coating systems, Bluefin Base HT (2916) should be hardened with 20% Aqua-Hardener 8451 (8451).
- 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.**

ADLER-Werk Lackfabrik, A-6130 Schwaz
Fon: +43/5242/6922-190, Fax: +43/5242/6922-309, Mail: technical-support@adler-lacke.com

Blending ratio



When using Bluefin Base HT (2916) as a **primer**:

100 Part(s) by weight Bluefin Base HT (2916)
10 Part(s) by weight Aqua-Hardener 8451 (8451000210)

When using Bluefin Base HT (2916) as a **filling primer**:

5 parts by weight of Bluefin Base HT (2916)
1 part by weight of Aqua-Hardener 8451 (8451000210)

Deviations lead to film and adhesion problems.

Aqua-Hardener 8451 (8451000210) must be carefully worked into the product by stirring before processing. We recommend waiting approx. 10 minutes before starting work.

Pot life

With Aqua-Hardener 8451 (8451000210): 6 hour(s)

Important note: if 20% hardener is added, only 4 hour(s)

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	2,0 - 3,0
Vaporizer Air (bar)	-	1 - 2	-
Applied quantity per application (g/m²)	80 - 130*		
Total quantity applied (g/m²)	80 - 800**		

*Total quantity to be applied per working day: up to max. 260
**Total quantity to be applied: up max. 800

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	12 h
Can be painted over with Bluefin Base HT (2916)	5 hour(s)
Can be painted over with topcoats	12 hour(s)

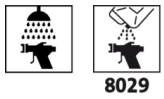
The figures given above are reference values. Drying depends on the substrate, layer thickness, temperature, air exchange, relative humidity, stacking pressure and stacking conditions.

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

When using as a filling primer for closed-pore coating systems:

A further coat of filler can be applied within the course of a working day with a drying time of 5 hours between coats – without intermediate sanding.

After the last application of filler in the overall coating system, it is important to allow a drying time of at least 3 days so that the subsequent coating material can settle and to reduce the risk of surface sinkage.

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).

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	**For open-pore coating systems** 1 – 2 x Bluefin Base HT (2916) **For closed-pore surfaces** Depending on the filling requirement, several coats of Bluefin Base HT (2916) can be applied, with a drying time of 5 hours between each coat and without intermediate sanding. **Important note:** only 2 coats of filler per working day, and in total a maximum of 8 coats!
Intermediate sanding 	Grit size 280 – 320 Remove sanding dust. Intermediate sanding must be carried out immediately before the subsequent coating is applied in order to ensure good intermediate adhesion! Sanding straight through must be avoided, as this may lead to differences in the grain accentuation, which are further increased by yellowing with aging. **For closed-pore surfaces** **Final sanding:** Multi-stage sanding with finish sandpaper, grit size 320 / 400 / 600.
Topcoat	1 x with a water-based clear coat, e.g. Bluefin Unistar (2965), Bluefin Top-Antiscratch (2960) etc.

CLEANING AND MAINTENANCE

Cleaning and Maintenance	Cleaning with Clean-Möbelreiniger (7202) an care with Clean-Möbelpflege Plus (7222).

ORDERING INFORMATION

Size of trading unit	4 kg, 20 kg
Supplementary products	Aqua-Cleaner 8029 (8029) Aqua-Hardener 8451 (8451) Bluefin Top-Antiscratch (2960) Bluefin Unistar (2965)

Clean-Möbelpflege Plus (7222)
Clean-Möbelreiniger (7202)

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).

Technical specifications

Delivery viscosity: 70 second – 80 second 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.**