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Technical data sheet

ADLER
Paint runs through our veins.

Bluefin Pure-Metal 3133

Real-metal coating for furniture and interior finishing **for professional and industrial use**

PRODUCT DESCRIPTION

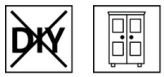
Product numbers

3133000210

General

Water-based three-component real-metal coating that can be applied by spray application. The metallic surface exhibits a pronounced metal character both visually and haptically.

Application area



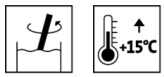
For the coating of furniture and interior finishing exposed to normal levels of stress, bedroom suite and living room furniture: application areas III to IV according to ÖNORM A 1610-12.

Application in combination with a suitable topcoat system.

A magnetic surface can be achieved with Aquafix Ferro (8130000300).

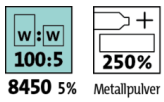
PROCESSING

Processing instructions



- Please stir product well before and during use.
- The temperature of the product and object, and the room temperature must be at least + 15 °C.
- The grinding have a decisive influence on the resulting effect.
- 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



Step 1:

100 Part(s) by weight Bluefin Pure-Metal (3133)
5 Part(s) by weight Aqua-Hardener 8450 (8450000210)

Aqua-Hardener 8450 (8450000210) must be carefully worked into the product by stirring before processing.

Bluefin Pure-Metal (3133) can only be used with a hardener and in the mixing ratio specified. Deviations lead to film and adhesion problems.

Step 2:

Carefully work 250 parts by weight of Aquafix Ferro, Kupfer, Messing, Bronze or Zinn into the paint/hardener mixture, stirring all the time and making sure there are no lumps. Stirring is best done by machine using a basket agitator.

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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.

Pot life

2 hour(s)

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

Please only prepare as much material as can be used within the pot life.

Application technique

	Cup gun
Applying device	Pressure cup spray gun
Spraying nozzle Ø (mm)	1,8 - 2,2
Spraying pressure (bar)	3,0 - 5,0
Applied quantity per application (g/m²)	500 - 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.

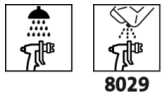
Drying times

(at 23 °C and 50 % rel. humidity)

Sandable and recoatable:	approx. 5 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.

Cleaning the working equipment



With water immediately after use.

To remove dried paint residues we recommend using Clean Aqua-Cleaner (8029) (diluted 1:1 with water).

SUBSTRATE

Type of substrate

Chipboard panels and MDF boards or base boards coated with primer film.

MDF boards or base boards that have been filled (e.g. Bluefin Isospeed (3134) when using the 2C version or Aduro Ecofill (2416)).

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 Grit size 240

COATING SYSTEM

Product application

1 x Bluefin Pure-Metal (3133) (mixed and hardened)

Intermediate drying time

Drying overnight at room temperature.

Intermediate sanding

Multi-stage sanding with finish sandpaper grit size 180 / 240 / 360 / 600 / 1000 / 1500 / 3000 (final sanding).

Cleaning of the surface with a cloth moistened with Waschbenzin (7234000210).

Sanding may not be done on a sanding machine or using a hand sanding machine with dust extraction: fire risk and risk of discolouration of subsequent coats of paint through rust formation!

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Topcoat	1 x Aduro Tiropur (2548) or Aduro Pigmotop (2514) in the desired gloss level / ideally G70 or G100

CLEANING AND MAINTENANCE

Cleaning and Maintenance	Cleaning with Clean-Möbelreiniger (7202).

ORDERING INFORMATION

Size of trading unit	1 kg, 5 kg, 25 kg
Supplementary products	Aduro Ecofill (2416) Aduro Pigmotop (2514) Aduro Tiropur (2548) Clean Aqua-Cleaner 8029 (8029) Aquafix Bronze (8137000300) Aquafix Ferro (8130000300) Aquafix Kupfer (8135000300) Aquafix Messing (8136000300) Aquafix Zinn (8138000300) Aqua-Hardener 8450 (8450) Bluefin Isospeed (3134) 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. Store cool but frost-free. Close opened containers well and use up the content as soon as possible.
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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