

Technical data sheet

Bluefin Pure-Metal

3133

Real metal coating for furniture manufacturers, for use in industry and trade

PRODUCT DESCRIPTION

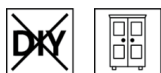
Product numbers

31600

General

Water-based 3C real metal coating suitable for spray application. The metallic surface has a strong metal character in terms of both look and feel.

Application area



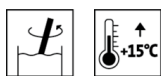
For the coating of furniture and interior finishing exposed to normal levels of stress, bedroom suite and living room furniture: application areas III to IV according to ÖNORM A 1610-12.

Application in combination with a suitable topcoat system.

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

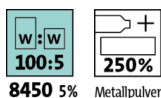
PROCESSING

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.

Pot life



2 hour(s)

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

Application technique



	Cup gun
Applying device	Druckbecherpistole
Spraying nozzle Ø (mm)	1,8 - 2,2
Spraying pressure (bar)	3,0 - 5,0
Applied quantity per application (g/m ²)	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)
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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



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

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 PUR-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 Spezial-Verdünnung (96705).

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!

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

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

Size of trading unit	1 kg, 5 kg, 25 kg
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Supplementary products	Aquafix Bronze (8137000300) Aquafix Ferro (8130000300) Aqua-Hardener 8450 (8450) Aquafix Kupfer (8135000300) Aquafix Messing (8136000300) Aquafix Zinn (8138000300) Bluefin Isospeed (3134) Clean-Möbelreiniger (7202) Pigmotop (2514) PUR-Ecofill (2416) Spezial-Verdünnung (96705) Aduro Tiropur (2548) Please refer to the corresponding technical data sheets of the products.
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FURTHER DETAILS

Durability / storage	Min. 9 month(s) in the original sealed containers. Cool, but frost-free.
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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.