

Bluefin Pure-Metal

3133

Pure metal coating for furniture for **industrial and professional use**

PRODUCT DESCRIPTION

Product number(s)

31600

General

Water-based three component pure-metal-coating that can be applied by spraying. The metallic surface has a strong metal character both optically and haptically.

Application areas



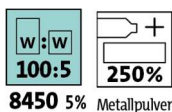
- For the coating of furniture and interior finishing exposed to normal levels of stress such as bedroom suite and living room furniture: application areas III – IV in accordance with ÖNORM A 1610-12.
- Application in combination with a suitable topcoat system.
- A magnetic surface is achieved with Aquafix Ferro 8130000300.

PROCESSING

Instructions for use

- Please stir product well before and during use.
- 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 parts by weight Bluefin Pure-Metal 31600
5 parts by weight Aqua-Hardener 8450

Carefully stir Aqua-Hardener 8450 into Bluefin Pure-Metal 31600.

The product can only be used with Aqua-Hardener 8450 and in the mixing ratio specified. Deviations lead to film and adhesion problems.

Step 2:

Carefully incorporate 250 parts by weight of Aquafix Ferro, copper, brass, bronze or tin into the paint/hardener mixture by stirring without forming lumps. Stirring is best done by machine using a basket agitator.

Pot life 2 - 3 hours



Application technique



Application method	Pressure cup gun
Spray nozzle (ø mm)	1.8 - 2.2
Spraying pressure (bar)	3.0 - 5.0
Application quantity (g/m ²)	500 - 800

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	at least 5 hours, preferably overnight
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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



With water immediately after use.

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

SUBSTRATE

Type of substrate

Particle board, MDF boards or carrier plates treated with a priming film or filler (for example Bluefin Isospeed 3134 in two-component processing or PUR-Ecofill 2416).

Please observe the relative technical data sheets of the products.

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

Wood sanding grit size 240

COATING SYSTEM

Product application

1 x Bluefin Pure-Metal 31600 (mixed and hardened)

Intermediate drying time

Drying overnight at room temperature

Intermediate sanding

Gradual sanding with finish paper grit size 180 / 240 / 360 / 600 / 1000 / 1500 / 3000 (final sanding)

Surface cleaning with a cloth moistened with Spezialverdünnung 96705.

Sanding is not allowed with a grinding machine or with a handheld grinder with dust extraction: fire hazard as well as discoloration of subsequent coatings!

Topcoat

1 x Tiropur NG 25461 ff or Pigmotop 25361 ff in the required gloss level, preferably G70 or G100.

CLEANING & MAINTENANCE**Cleaning and maintenance**

Cleaning with Clean Möbelreiniger 7202.

Please observe the relative technical data sheets of the products.

ORDERING INFORMATION**Size of trading unit**

1 kg, 5 kg, 25 kg

Supplementary products

Aquafix Ferro 8130000300
 Aquafix Kupfer 8135000300
 Aquafix Messing 8136000300
 Aquafix Bronze 8137000300
 Aquafix Zinn 8138000300
 PUR-Ecofill 2416
 Bluefin Isospeed 3134
 Aqua-Hardener 8450
 Spezialverdünnung 96705
 Tiropur NG 25461 ff
 Pigmotop 25361 ff
 Clean-Möbelreiniger 7202

OTHER INSTRUCTIONS**Durability / storage**

At least 6 months in the original sealed containers.

Store cool but frost-free.

Safety-related information

The product is only suitable for industrial and professional use.

In general, inhaling paint aerosols must be avoided. This is ensured by correctly using a respiratory mask (combination filter A2/P2 – EN 141/EN 143).

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.