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Technical data sheet

ADLER
Paint runs through our veins.

Aquafix Oxid 8132

Ready-to-use **oxidation solution** for **iron**, for use in **industry and trade**

PRODUCT DESCRIPTION

Product numbers

8132000210

General

Water-based, ready-to-use oxidation solution for iron surfaces to achieve rust effects.

Special properties and standards

- **French ordinance DEVL1104875A**
  Marking of construction coating products for their emission of volatile pollutants: A+

Application area

To achieve rust effects on iron or coatings that contain iron.

Application in combination with a suitable topcoat system.

PROCESSING

Processing instructions

- The temperature of the product and object, and the room temperature must be at least + 15 °C.
- Aquafix Oxid (8132) is applied directly onto the prepared iron surface.
- Do not return the product from the application tool or product contaminated with wood dust to the original container.
- Do not use metal containers!
- Only use rustproof work tools!
- 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 131 - Working guidelines for PUR furniture paints.**
- Please follow our **ARL 150 - Working guidelines for water-based furniture coatings.**

Application technique

	Cup gun
Spraying nozzle Ø (mm)	1,5
Spraying pressure (bar)	0,2 - 0,3

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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.

An application with brush or sponge is also possible.

Drying times
(at 23 °C and 50 % rel. humidity)

Recoatable after	approx. 12 h

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.

SUBSTRATE

Type of substrate

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

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

Grit size 240

COATING SYSTEM

Primer coat

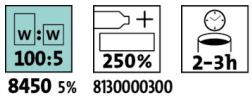
1 x Bluefin Isospeed Schwarz (3134500001) used as a 2C product or Aduro Ecofill Smart Schwarz (2317500001)

Intermediate sanding

Grit size 280 – 320

Intermediate sanding must be carried out immediately before the subsequent coating is applied in order to ensure good intermediate adhesion!

Product application 1



8450 5% 8130000300

approx. 500 - 800 g/m² ADLER Real Metal mixture

Making the Real Metal mixture:

Step 1:

100 parts by weight of	Bluefin Pure-Metal (31600)
5 parts by weight of	Aqua-Hardener 8450 (8450000210)

Carefully stir Aqua-Hardener 8450 (8450000210) into Bluefin Pure-Metal (31600) (approx. 3 mins).

Step 2:

Stir 250 parts by weight of Aquafix Ferro (8130) carefully into the paint/ varnish and hardener mixture, ensuring no lumps remain. Stirring is best done by machine using a basket agitator.

The mixture can be used for approx. 2 - 3 hours if kept at room temperature.

Intermediate drying time

Intermediate drying: at least 5 hour(s) (preferably) overnight

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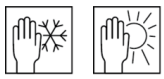
Finishing treatment (sanding, polishing, buffing)	Multi-stage sanding with finish sandpaper grit size 180 / 240 / 360 / 600 The method of application and in particular the sanding process play a major part in determining the resulting effect. Sanding may not be done on a sanding machine or using a hand sanding machine with dust extraction: fire risk and risk of discolouration of subsequent coats of paint through rust formation!
Product application 2	Aquafix Oxid (8132) Apply with uneven saturation and very low pressure (0.2–0.3 bar); as a result, Aquafix Oxid (8132) is distributed irregularly and in isolated spots on the iron surface, forming 'rust nests'. The quantity required will depend on the desired effect. Once Aquafix Oxid (8132) has completely dried, repeat the process. A rust layer that is too thick cannot be properly fixed by the clear topcoat that is subsequently applied, resulting in adhesion problems.
Intermediate drying time	Drying overnight at room temperature. The topcoat should be applied within 24 hours, without intermediate sanding.
Topcoat	2 x PUR-Antiscratch HQ G05 Naturmatt (26320)
Intermediate drying time	Intermediate drying: approx. 2 hour(s)

ORDERING INFORMATION

Size of trading unit	0.5 l ; 5 l
Supplementary products	Aduro Ecofill Smart Schwarz (2317500001) Aqua-Hardener 8450 (8450) Bluefin Pure-Metal (31600) Bluefin Isospeed Schwarz (3134500001) PUR-Antiscratch HQ G05 Naturmatt (26320) Please refer to the corresponding technical data sheets of the products.

FURTHER DETAILS

Durability / storage 	Min. 1 year(s) in the original sealed containers. Make sure the product is protected against moisture, direct sunlight, frost and high temperatures (above 30 °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). Avoid contact with skin and eyes. During work, wear fastened-up working clothes, protective gloves made of butyl rubber and safety goggles with side protection! If the product comes into contact with your eyes, rinse immediately with water and consult a doctor! Remove dirty, soaked clothing immediately! If the product comes into contact with your skin, wash off immediately with plenty of soap and water! 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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