

ADLER Aquafix Oxid

91204

Ready-to-use oxidation solution for iron for industrial and professional use

PRODUCT DESCRIPTION

General

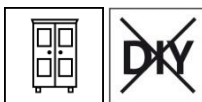
Water-based, ready-to-use oxidation solution for iron surfaces to achieve rust effects.

Special properties and standards



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

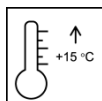
Application area



- Achieves rust effects on iron and ferrous coatings.
- Application in combination with a suitable topcoat system.

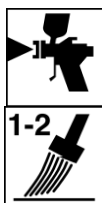
PROCESSING

Instructions for use



- The temperature of the product and object, and the room temperature must be at least + 15 °C.
- ADLER Aquafix Oxid 91204 is applied directly onto the prepared iron metal.
- Do not empty product from the spray gun or contaminated with wood dust back into the container with the original wood stain.
- Do not use metal containers!
- Only use rustproof work tools!

Application technique

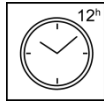


Application method	Cup gun
Spraying nozzle (ø mm)	1.5
Spraying pressure (bar)	0.2 - 0.3

It is also possible to apply with a brush or sponge.

Drying times

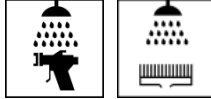
(at 23 °C and 50 % rel. humidity)



Recoatable

after approx. 12 hours

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.

SUBSTRATE**Type of substrate**

Particle board, MDF boards or carrier plates coated with priming film.

Substrate property (or condition)

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

Grit size 240

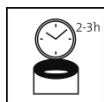
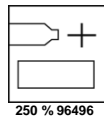
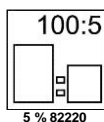
COATING SYSTEM**Basecoat**

1 x ADLER Bluefin Isospeed Schwarz 3134500001 in 2K processing or ADLER PUR-Spritzfüller Schwarz 25513

Please observe the relative technical data sheets of the products.

Intermediate sanding

Intermediate sanding must be carried out immediately before the top coat is applied in order to ensure good intermediate adhesion. Grit size 280 - 320

Intermediate coat 1

approx. 500 – 800 g/m² ADLER Echtmetall-Mischung

Production of the ADLER real metal mixture

Step 1:

100 parts by weight ADLER Aqua-Pure-Metal 31600

5 parts by weight ADLER Aqua-PUR-Härter 82220

Carefully incorporate Aqua-PUR-Härter 82220 into ADLER Aqua-Pure-Metal 31600 (approx. 3 min).

Step 2:

Carefully incorporate 250 parts by weight ADLER Aquafix Ferro 8130000300 into the paint/hardener mixture by stirring without forming lumps. Stirring is best done by machine using a basket agitator.

The mixture can be processed at room temperature for approx. 2 - 3 hours.

Please observe the relative technical data sheets of the products.

Intermediate drying time

at least 5 h at room temperature, preferably overnight

Grinding and polishing

Gradual sanding with finish paper grit size 180 / 240 / 360 / 600

The type of application and especially the grinding have a decisive influence on the resulting effect.

Grinding must not be carried out with a grinding machine or using a manual grinder with dust suction: Risk of fire and discoloration of subsequent coatings due to rust formation!

During sanding use P2 dust filter.

Intermediate coat 2

ADLER Aquafix Oxid 91204

The product is applied with very low pressure (0.2 - 0.3 bar); ADLER Aquafix Oxid 91204 is thus distributed irregularly and selectively on the real metal surface ("rust nests"). The quantity applied is based on the desired effect.

Once ADLER Aquafix Oxid 91204 has completely dried, repeat the process.

Intermediate drying time

Drying overnight at room temperature. Overcoating takes place without intermediate sanding, within 24 hours.

Topcoat

2 x ADLER PUR-Antiscratch HQ G5 26320

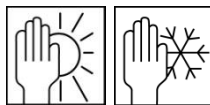
Intermediate drying time: approx. 2 hours

ORDERING INFORMATION**Size of trading unit**

1 l

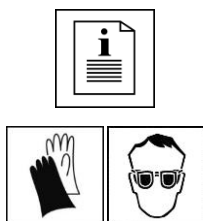
Supplementary products

ADLER Aqua-Pure-Metal 31600
 ADLER Aqua-PUR-Härter 82220
 ADLER Aquafix Ferro 8130000300
 Bluefin Isospeed Schwarz 3134500001
 ADLER PUR-Spritzfüller Schwarz 25513
 ADLER PUR-Antiscratch HQ G5 26320

FURTHER DETAILS**Durability/storage**

At least 1 year in the original sealed containers.

Make sure the product is protected against moisture, direct sunlight, frost and high temperatures (above 30 °C).

Safety-related information

Please pay attention to the associated safety data sheet. The current version can be accessed on the Internet at **www.adler-lacke.com**.

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!

Avoid contact with skin and eyes.

The product is only suitable for industrial and professional use.

Inhaling paint aerosols whilst spraying must generally be avoided. This is ensured by correctly using a respiratory mask (combination filter A2/P2 – EN 141/EN 143).