

Technical data sheet

ADLER Aquafix Blue-Patina

8139 000210

Ready-to-use oxidation solution for non-ferrous metals for industrial and professional use

PRODUCT DESCRIPTION

General

Water-based, ready-to-use oxidation solution for non-ferrous metal surfaces to achieve oxidation effects.

Special properties and standards



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

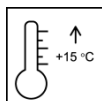
Application area



- For creating oxidation effects on non-ferrous metals and coatings containing non-ferrous metals.
- 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 Blue-Patina is applied directly onto the prepared real metal surface.
- Do not use metal containers!
- Only use rustproof work tools!

Application technique



Application method	Spray bottle
Amount applied	uneven

The product is applied unevenly, all over or in selected places. The quantity applied is based on the desired effect. Once completely dried, the process can be repeated.

Drying times

(at 23 °C and 50 % rel. humidity)



Recoatable	after approx. 12 hours
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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.

SUBSTRATE

Type of substrate

Chipboards, MDF boards or core boards 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

Primer coat

1 x ADLER Bluefin Isospeed 3134 in 2-component processing or ADLER PUR-Ecofill Weiß 25501

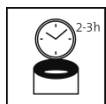
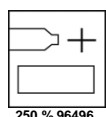
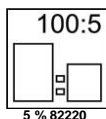
Please observe the respective technical data sheets of the products.

Intermediate sanding



The intermediate sanding must be done immediately before the paint application in order to ensure good intercoat adhesion. (Grit size 280 - 320)

Intermediate coat 1



approx. 500 g/m² ADLER real metal mixture

Making the ADLER real metal mixture:

Step 1:

100 parts by weight of ADLER Aqua-Pure-Metal 31600
5 parts by weight of ADLER Aqua-PUR-Härter 82220

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

Step 2:

Carefully incorporate 250 parts by weight of ADLER Aquafix Kupfer, Messing, Zinn or Bronze 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 for approx. 2 - 3 hours at room temperature.

Please observe the respective technical data sheets of the products.

Intermediate drying time

at least 5 hours at room temperature, best overnight

Sanding and polishing



Step sanding with finish paper, grit size 180 / 240 / 360 / 600

The application method and especially the sanding have a considerable influence on the resulting effect.

Sanding must not be done on a sanding machine or using a hand-held sander with dust extraction: risk of fire as well as discoloration of subsequent coats of paint from rusting!

During sanding use P2 dust filter

Intermediate coat 2



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The product is applied irregularly in selected places or all over with the spray bottle on the real metal surface. The quantity applied is based on the desired effect.

Intermediate drying time

Drying overnight at room temperature. The finish is applied without intermediate sanding, within 24 hours.

Applying the topcoat

3 x ADLER PUR-Antiscratch HQ G10 26321

Intermediate drying time approx. 2 hours

Please observe the respective technical data sheets of the products.

ORDERING INFORMATION

Size of trading unit

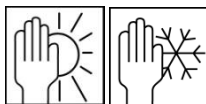
500 ml

Supplementary products

ADLER Aqua-Pure-Metal 31600
ADLER Aqua-PUR-Härter 82220
ADLER Aquafix Kupfer 8135 000300
ADLER Aquafix Messing 8136 000300
ADLER Aquafix Bronze 8137 000300
ADLER Aquafix Zinn 8138 000300
Bluefin Isospeed 3134
ADLER PUR-Ecofill Weiß 25501
ADLER PUR-Antiscratch HQ G10 26321

FURTHER DETAILS

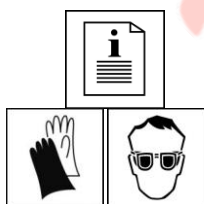
Durability/storage



At least 1 year in the original sealed containers.

Make sure the product is protected against 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.

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!

The product is only suitable for industrial and professional use.

In general, you must avoid inhaling paint aerosols when spraying; This is ensured by correctly using a breathing mask (combination filter A2/P2 – EN 141/EN 143).