

Ferroblock

4105

Rust stabiliser for DIY and trade

PRODUCT DESCRIPTION

Product numbers

4105000210

General

Water-based rust converter for pre-treatment and rust stabilisation. Residual rust is stopped and iron and steel components are at the same time protected against renewed corrosion. Perfect recoating results with either water-based or solvent-based paints.

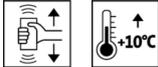
Application area

Residual rust on iron and steel parts.

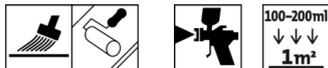


PROCESSING

Processing instructions



- Please shake the product before use.
- The temperature of the product and object, and the room temperature must be at least +10 C.
- The optimal conditions for use are between 15 - 25 °C with a relative atmospheric humidity between 40 - 80 %.
- Do not process it under conditions of intense sunlight, rain, extremely high humidity, strong wind or pending frost.
- Early exposure to water from rain or dew must be prevented!
- Carefully cover and mask areas which are not to be coated.
- The color shade, compatibility and adhesion to the substrate must be checked by creating sample panels.
- Apply the product saturate. After drying, a jet black, opaque film should form.
- In cases of severe rusting, we would recommend a second application after approx. 60 minutes.
- 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. Deviations lead to film and adhesion problems as well as to impairments with regard to weathering and color stability.

Application technique

	Cup gun	Brushing	Rolling
Spraying nozzle Ø (mm)	1,8 - 2,0	-	-
Spraying pressure (bar)	3 - 4	-	-
Applied quantity per application (ml/m ²)	100 - 200		

The product is ready to use.

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)



Recoatable (solvent-based coatings)	24 hour(s)
Recoatable (water-based coatings)	18 hour(s)

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.

Lower temperatures and/or high level of atmospheric humidity can increase the drying time.

Cleaning the working equipment

With water immediately after use.

To remove dried product residues we recommend using Abbeizer Express (8313).

SUBSTRATE**Type of substrate**

Residual rust on iron and steel parts.

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.

Please observe the additional documents:

- ÖNORM B 3430-1
- ÖNORM B 2230-1
- DIN 18363
- Current BFS information sheets

Substrate preparation

Remove dirt, loose rust as well as paint residues infiltrated with rust mechanically (high pressure cleaning, wire brush, spatula or sandpaper) or remove with Abbeizer Express (8313).

Remove old coatings that cannot be recoated.

COATING SYSTEM**Product application**

1 x Ferroblock (4105)

Primer, intermediate coat and finishing coat

Depending on application area: e.g.: Metallgrund (4512) / Unigrund LM (4516) / 2K-Epoxy-Grund (5604) / Aqua-Multiprimer PRO (4129) / Samtalkyd (4514) / Brilliantalkyd (4503) or ADLER Varicolor (4117)

ORDERING INFORMATION

Size of trading unit 100 ml, 375 ml, 1 l

Supplementary products

2K-Epoxy-Grund (5604)
ADLER Varicolor (4117)
Abbeizer Express (8313)
Aqua-Multiprimer PRO (4129)
Brillantalkyd (4503)
Metallgrund (4512)
Samtalkyd (4514)
Unigrund LM (4516)

Please refer to the corresponding technical data sheets of the products.

FURTHER DETAILS

Durability / storage



Min. 2 year(s) in the original sealed containers.

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

Close opened containers well and use up the content as soon as possible.

Technical specifications

VOC content of the ready-to-use mixture: Limit value according to Directive 2004/42/EC for Ferroblock (Cat A/i): 140 g/l.
Ferroblock contains a maximum of 140 g/l VOC.

Giscode

BSW30

Declaration of ingredients according to VdL-RL 01

Polymer dispersion / Tannin / Inorganic pigment / Water / Ethanol / Additive

Safety information



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.