

Entroster

8158

Passivating, phosphating, colourless **rust converter** for DIY and trade

PRODUCT DESCRIPTION

Product numbers

8158000210

General

Water-based, ready-to-use, colourless and paint-compatible preparation formulated with phosphoric acid, for rust removal and passivation of iron and steel. Converts residual rust into passivating iron phosphate. The rust protection effect and durability of subsequent coatings is also improved.

Application area



Efficient derusting of iron and steel.

Important: The product is not a replacement for rust protection primer!

PROCESSING

Processing instructions



- Please shake the product before use.
- The temperature of the product and object, and the room temperature must be at least + 5 °C.
- The optimal conditions for use are between 15 - 25 °C with a relative atmospheric humidity between 40 - 80 %.
- Depending on the degree of rust, apply 2 - 3 coats with a paintbrush (allow 10 - 20 minutes per coat for the product to take effect) or ideally by means of dip-coating. After approx. 2 hours, a grey passivation layer will form. Then rinse with water (surplus phosphoric acid can form a whitish crust that reduces adhesion).
- The application quantity depends on the degree of rust formation.
- 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.
- 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

	Immersion	Brushing
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 after	approx. 5 h
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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.

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

SUBSTRATE**Type of substrate**

Rusty iron or steel

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).

COATING SYSTEM**Product application**

2 – 3 x Entroster (8158)

Primer, intermediate coat and finishing coat

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

ORDERING INFORMATION**Size of trading unit**

11

Supplementary products

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

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

FURTHER DETAILS**Durability / storage**

Min. 3 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.

Giscode

GF50

**Declaration of ingredients
according to VdL-RL 01**

water / interface additives

Safety information

It is recommended to use safety gloves and safety glasses while processing.

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**.
