

MC-Rust EX

Cleaning agent for rust contamination in reinforce bars.

PRODUCT PROPERTIES:

- Ready to use.
- Short interaction time.
- Reacts with rust forming a soluble salt.
- Can be neutralized with water.
- Chloride free.

AREAS OF APPLICATION:

- Removal of rust/stains:
 - On concrete surface.
 - On metallic substrates.
- De-rusting immersion bath:
 - For iron and steel tools.
 - For small hardware units.

APPLICATION ADVICE:

- **Application note:** Areas adjacent to rust-contaminated concrete areas should be covered before application. Before using **MC-Rust EX** please read the warnings and safety notices on the packaging.
- **Mounting:**
 - **MC-Rust EX** is applied onto the slightly pre-wetted substrate by spraying or using a brush. Intensify the cleaning process with a brush before rinsing the area with a strong jet of water.
 - The Interaction time for **MC-Rust EX** must not be less than 5 minutes.
 - For dosage information please refer to the next page in the technical data. These values depend on the substrate and the amount of rust.
 - The cleaning process with **MC-Rust EX** can be repeated in case of persistent rust contamination.
- **Further information:**
 - **MC-Rust EX** can also be used as an immersion bath for derusting metal tools and small hardware units.
 - After the neutralization with water, the dry metal parts should be preserved with a suitable protective agent, preferably MC Dur ZKE or Nafufill KMH.

TECHNICAL DATA:

Characteristics	Unit	Value	Comments
Consumption	g/m ²	120 – 150	For non-absorptive substrate per coat
Density	g/cc	1.0 – 1.1	At 30°C
Exposure time	min	5	Maximum per single step
Substrate temperature	°C	+6	Minimum temperature
		+ 50	Maximum temperature

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**PRODUCT
CHARACTERISTICS:**

Form	Clear liquid
Processing temperature	As a watery solution, MC-Rust EX freezes at temperatures below - 5°C. Before use the entire quantity must therefore be thawed and thoroughly mixed to avoid concentration variations.
Cleaning of equipment	Clean with water immediately after use.
Shelf life	12 months from date of manufacture if stored in unopened packaging. Protect from rain, direct sunlight, heat and frost.
Delivery	1 kg, 20kg canister
Disposal	Empty packs completely and dispose off carefully to protect our Environment.

Safety instructions

Please note the safety information and advice given on the packaging labels and safety data sheets. GISCODE : NBM10

Note: The information provided here is based on our experience and correct to the best of our knowledge. It is, however, not binding. It will need to be adapted to the requirements of the individual building projects, to the specific application and to non-standard local conditions. Our data refers to the accepted engineering rules, which have to be observed during application. Given these preconditions we shall be liable for the accuracy of the information given as outlined in our sales and delivery terms and conditions. Recommendations by our employees that deviate from this information are only binding for us if they have been confirmed in writing. In all cases, the generally accepted rules and practices reflecting the current state of the art must be adhered.

Edition **09/2024**. Some technical changes have been made to this print medium. Older editions are invalid and may not be used.

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