



## SISTEMI INNOVATIVI

REV. 291019

### MOREX

Rust converter

#### FEATURES

**MOREX** is a rust converter, light amber-colored, specific for the protection of reinforcing irons in concrete restoration and protection operations, which transforms iron oxide, by chemical reaction, into stable phosphates, insoluble in water.

Therefore, a thin surface layer is formed, firmly anchored to the underlying mass to form an excellent base for the adhesion of our special passivating protective products **PROTEX** and **PROTEX SPECIAL 2C** or directly of our latest generation restoration mortars such as **GR 69 PROTECTOR** and **GR 69 PROTECTOR RAPID**.

#### FIELDS OF APPLICATION

**MOREX** is ideal for the treatment of reinforcement in the restoration and protection of reinforced concrete structures. It is also suitable for applications on metal supports generally affected by the presence of rust such as gratings and railings, frames, etc., after careful cleaning of the supports.

#### SUBSTRATE PREPARATION

In the case of rusty irons, carefully clean the support manually or mechanically with flex and sandblasting, in order to eliminate flaking and inconsistent parts. **MOREX** can also be used on unruined irons for protective action.

#### MODE OF APPLICATION

**MOREX** is ready to use and is applied with a brush only on metal surfaces. Before proceeding with subsequent applications, allow the treated surfaces to perfectly dry and then brush them thoroughly.

#### WARNINGS

- **MOREX** is to be used as is, without the addition of foreign materials.
- It has no favourable effect on iron with the presence of calamine (bluish lamination oxide) or on old acid insoluble rust crusts that need to be removed.
- Apply only to metal surfaces.
- Apply the product at temperatures between 5°C and 30°C.
- Do not apply the product in case of strong sun, strong wind or rain.
- Clean the equipment using only clean water.
- We recommend skilled workers.

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## ITEM SPECIFICATIONS

Rust converter, light amber-colored, which transforms iron oxide into stable phosphates, ideal for the protection of reinforcement in restoration and protection of reinforced concrete structures and of metal surfaces in general, after careful manual or mechanical cleaning, to be applied with a brush, with a consumption of 0.15 / 0.20 lt per m<sup>2</sup>, type **MOREXBUFFA**.

## TECHNICAL DATA

<b>DILUTION</b>	ready to use
<b>COLOUR</b>	light amber-coloured
<b>APPEARANCE</b>	liqui
<b>SPECIFIC WEIGHT</b>	1.10 ±0.2 a 20° C
<b>DRYING</b>	the contact time between phosphating agent and rusty iron is proportional to the rust layer to be removed and can vary from a few minutes to a few hours. Due to excess reaction, a whitish grey powder may be formed on the dry surface and must be removed before subsequent painting.
<b>CONSUMPTION</b>	0,15 / 0,20 lt al m <sup>2</sup>
<b>OVERPAINTING</b>	24 hours
<b>PACKAGING</b>	boxes of 1 ltx 12 and 5 ltx 4; tanksof 25 lt
<b>STORAGE</b>	12 months if stored in unopened packages, protected from heat, frost and humidity.
<b>HYGIENE AND SAFETY</b>	non-toxic product; protect hands with rubber gloves and eyes with glasses during application. In case of contact with skin and eyes, rinse with water. Keep away from heat sources.

## NOTES

*The information, prescriptions and indications given above are the result of our best technical and applicative knowledge; nevertheless they are to be considered purely for information purposes. It is therefore the responsibility of the user to verify, taking full responsibility, the compatibility of the products with the intended use, as it is not possible for us to intervene directly on the conditions of the construction sites and the way the work is carried out. In this regard, we recommend a prior test in order to verify the suitability of the product for its intended use.*