



TEKNOFER – products for buildings restoration

Teknofer is a hydraulic mortar with re-alkalizing and anti-corrosive effect for steel reinforcement bars. The formulation consists of a synergistic system of corrosion inhibitors, specific to confer the best protection against corrosion of the iron. **Teknofer** has a strong adhesion to concrete and iron, high alkalinity, high impermeability to water and noxious gases in the atmosphere. The product grips very quickly and this can greatly simplify the time-exposure in the restoration of reinforced concrete with steel reinforcement bars building, without having to wait hours or even days between passages. **Teknofer** is not toxic (chrome-free).

SPECIFICATIONS

Ph: 12-13

Apparent specific weight UNI 9446: $1,2 \pm 0,1 \text{ g/cm}^3$

Flammability: no

Application: brush.

Dilution: 1,5 L. with water per pack.

METHOD OF USE

Preparing the surface: The metal roof supports must be freed from the concrete in contact and bring to a bare, using sandblasting, needle gun or mechanical brushes.

Preparing the product and application: Mix **TEKNOFER** with water to obtain a thick consistency applicable by brush (about 35% by weight). Do not mix the product with water once it has already grip. Verify the integrity of the packaging before using it and do not start the application if there are any lumps.

Apply in double coat, waiting for drying between the two layers. With the second coat it will be also covered the concrete adjacent to the metallic reinforcement, which must then be treated with anti-shrinkage mortars **TEKNOCAF BF**, to be applied wet on wet.

CLIMATIC CONDITIONS

To avoid compromising the optimal performance of the product, we recommend the application in specific climatic conditions:

- Apply at temperatures between +5 °C and +35 °C;
- Avoid the application on surfaces heated by strong sunlight,
- Avoid application when rain is imminent,
- Avoid application in presence of moisture;
- The painted surface must be kept away from rain and humidity for 48 hours.

USEFUL TIPS:

- Store at room temperature.
- Close the container tightly after each use.
- Protect surfaces not to be painted (windows, tiles, glass etc ...).



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Protect from frost.

Packaging: 5 Kg.

Color: yellow.

Washing tools: use water immediately after use.

Specification Item

> Protect all surfaces not subject to application of paint.

> Preparation of the surface by manual brushing or washing with high pressure washer machine, depending on the nature and intensity of the dirt. If the surfaces to be treated were covered with organic paints is advisable total removal of these paintings.

> Protective treatment of steel re-inforcement bars by applying hydraulic mortar with re-alkalizing and anti-corrosive power **Teknofer** (CAF).

> All applications must be performed on completely dry surfaces, with the ambient temperature and that of the surfaces to be painted between +5 °C and +35 °C with relative humidity not exceeding 80%. If you ever experience environmental conditions other than those mentioned above, as well as in the presence of wind, dust, smoke, etc ..., the application should not be initiated.