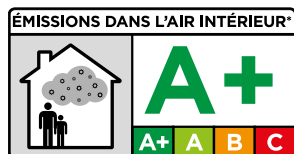




# BENFERCURE FERRI

## Corrosion inhibitor

- Anti-corrosion protection for concrete reinforcing rods
- Promoted adhesion during concrete pouring between the old and fresh coats and between the concrete and repair mortar



### TECHNICAL FEATURES:

Single component cement-based product in powder form, with selected aggregates, polymers and special corrosion inhibitor additives. Its formula was designed and developed to prevent the formation of rust on reinforcing rods thanks to its waterproof and atmospheric gas-proof qualities and its alkalinity. When mixed with water it becomes a highly adhesive thixotropic mortar easy to apply with a brush, also indicated as an adhesion promoter.

### AREAS OF APPLICATION:

BENFERCURE FERRI is used as anti-corrosion protection for concrete reinforcing rods and promoter of adhesion during concrete pouring between the old and fresh coats and between the concrete and repair mortar.



TECHNICAL ASSISTANCE



INSURANCE GUARANTEE



TECHNICAL MEETINGS



PROFESSIONAL USE

### CONTRACT ITEM SPECIFICATIONS:

Treatment of concrete reinforcing rods with a thixotropic mortar easy to apply with brush, developed to prevent the formation of rust, as BENFERCURE FERRI by Benfer. We recommend the use before the volume restoration of concrete elements.

**METHODE OF APPLICATION:**

The material must be stored in a place protected from extreme heat. The surfaces to be treated must be clean, dry and free of dust. The reinforcing rods must be sanded or carefully scrubbed until they are completely free of rust and deteriorated concrete. During concrete pouring it is necessary to carefully scrape and scrub the surface to be treated and eliminate dirt, partially detached debris, dust and any water puddles. The temperature during the application and in the hours immediately following must be between +5°C and +35°C. Mix the product by hand or with a mixer at low speed using 30-32% clean water, corresponding to 0,6-0,65 liters for the entire package making certain that the water is not warm. Let the mixture stand for 5 minutes, then briefly remix it and proceed to the application by brush. All the product must be used within approximately 45 minutes. Do not add water when the product begins to harden, do not add cement or any other material to the mixture. BEFERCURE FERRI must be applied on reinforcing rods in two coats 2-3 hours apart from one another, and the total depth of the product must result at least two millimeters. The next application can be executed after approximately 4-5 hours with BENFERCURE. Concrete pouring must be executed on the fresh product.

**CLEANING:** Use water for the cleaning of the tools if the product is fresh. Once it has hardened it must be removed mechanically.

**CONSUMPTION:**

Rods of 8 mm diameter from 80 to 120 gr/m = 16-25 m with a 2 kg package.

Rods of 10 mm diameter from 100 to 150 gr/m = 13-20 m with a 2 kg package.

Rods of 14 mm diameter from 150 to 200 gr/m = 10-13 m with a 2 kg package.

**PACKAGING:** BENFERCURE FERRI is available in the convenient reclosable plastic 2 kg bucket.

**STORAGE:** In the original unopened packaging in a dry and cool place.

**SHELF LIFE:** 12 months.

**PRODUCT TECHNICAL DATA**

Basis:	Powder
Colour:	Blue
Maximum grain size:	0,5 mm
Apparent mass volume:	1,2 kg/dm <sup>3</sup>
Pot life:	Approx. 60 min
Application time before second coat:	3 hours
Application time for following coatings:	1 day
Application temperature:	From + 5°C to + 35°C
Corrosion protection:	After 4 hours
Storage and duration:	12 months in the original unopened packaging, in a dry cool place * at 23°C and 50% relative humidity

**PLEASE NOTE:** The information given in this chart is based on our best experience and indicative only. It must in any event be verified by the end user, who assumes all liabilities deriving from utilization of the product.