

## ANTI-CORROSION MORTAR reinforcement rods

### DESCRIPTION:

ANTEFER is a component mortar powder of a reddish color to cementitious binders, synthetic resins, microsilici special additives and corrosion inhibitors.

### USE:

ANTEFER is a cement mortar for corrosion protection of reinforcing steel reinforced concrete. Equipped with high adhesion to metal and concrete surfaces, is used in concrete repair for riscalinizzare and passivate the steel reinforcement before the application of special thixotropic mortar shrinkage compensated ANTETIX. Can also be used in new buildings for the preventive protection of the irons or as a bridge adhesive in construction joints.

### PREPARING SURFACES:

Carefully remove each piece of loose materials, old coatings, grease marks, material or flaking or degraded by the action of chipping, scarifying, or sanding. Reinforcement rods must be discovered and perfectly clean from rust, until you see the white metal by sanding or brushing.

### PREPARING THE PRODUCT:

ANTEFER is mixed by mechanical mixer or a drill at low speed fitted with whip attachment, with about 1.5 liters of drinking water each bucket of 5 kg of product, until dough is smooth and fluid. Wait 5 minutes and then mix without adding more water. The mortar obtained is usable for about 1 hour. After the dough does not add more water.

### APPLICATION:

Apply the product carefully with a brush or roller in two coats, with a wait of about 2 hours between coats, in a thickness of 1 mm per coat. Wait at least 6 hours (max 24 hours) before applying repair mortar ANTETIX. If used as a "bridge adhesive" in castings, ANTEFER improves the adhesion to the substrate, but it is important to apply repair mortar "wet on wet".

### CONSUMPTION:

About 1.6 kg / m<sup>2</sup> for each of thickness.

### CLEANING:

Wash hands and equipment thoroughly with clean water before the mortar begins to grip; otherwise the cleaning will be difficult.

### HEALTH AND SAFETY:

The product is not toxic, but the Portland cement content can cause irritation to skin and eyes. Do not breathe dust and protect themselves adequately with gloves, respirators, protective clothing and goggles. For more information, see the Safety Data Sheet.

### TECHNICAL DATA:

Consistency	Reddish color powder
Bulk density	1,2 gr/cm <sup>3</sup>
Application thickness	1 mm for each hand
Mixing water	about 30 %

Mixing water for every 10 kg bag	about 3 lt
Pot life	max 1 hour*
Application temperature range	da +5°C a +35 °C
Chlorides content	Ansent
<b>HARDENED PRODUCT</b>	
Density	1700 kg/m <sup>3</sup>
Adhesion to the substrate (iron):	≥ 2 N/mm <sup>2</sup>
Adhesion to the substrate (concrete):	≥ 2 N/mm <sup>2</sup>
*Figures expressed at (20 ± 2) ° C and (65 ± 5)% relative humidity. Lower temperatures increase the times of maturation and hardening	

#### HAZARD CLASSIFICATION:

Refer to the safety data sheet.

#### CUSTOMS CLASSIFICATION:

3824 50 90

#### INFORMATION PURSUANT TO THE Ministerial Decree 10/05/2004:

- Product conforming to DM 10/05/2004. Cr VI content of less than 2 p.p.m.
- PACKAGING DATA: Reported on the side of the bag
- DUE DATE: see section STORAGE

#### PACKAGING:

ANTEFER is supplied in 5 kg plastic buckets on plastic sealed wooden pallets.

#### STORAGE:

- Keep the product in its original packaging. Do not disperse dust.
- For the purposes of DM 10-05-2004 the product properly stored should be used within 6 months from the date of manufacture stamped on the bag.

#### QUALITY:

The automatic dosing and predetermined components, the continuous and systematic checks on raw materials and finished products, ensuring a high standard of quality and consistency over time.

#### WARNINGS:

Mix with drinking water without adding other products. Apply only on clean, consistent, perfectly anchored, all traces of grease or rust must be removed mechanically by sanding or other suitable means. Do not apply in direct sunlight, on substrates with the possibility of ice or frost. For more information, contact the technical department.

#### PRODUCT ADDRESSED TO A PROFESSIONAL USE

The above statements come from our current best experience. But since the site conditions can greatly vary, we recommend the user to carefully verify with practical tests that the product is suitable for the tasks in any case; user will take accountability of any miscorrect use.

**ANTEBIAGO SRL**

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