

T-FER

SINGLE-COMPONENT ANTI-CORROSION SLURRY AND BONDING BRIDGE



DESCRIPTION

BTECH T-FER is a single-component powdered mortar used as a re-alkalising anti-corrosion slurry for the treatment of reinforcing steel in deteriorated concrete. It is composed of hydraulic binders, specific polymers and selected aggregates. T-FER acts as a rust passivating slurry and can also be used as a bonding bridge between existing concrete and repair mortars.

FIELDS OF APPLICATION

- Reinforcement steel passivation
- Anti-corrosion slurry
- Bonding bridge between old concrete and repair mortar

PRODUCT DATAS

Base	-
Catalysis ratio	Single-component
Mixing ratio	30 L of water / 100 kg of product
Composition	Cementitious mortar with synthetic polymers
Appearance	Granular powder
Specific weight	3.0 kg/m ³
Solid residue	100%
Dilution	-
Pot Life	60 minutes

CONSUMPTION

1.5 kg/m²/mm
 Mixing ratio: 30 L water per 100 kg of product

COLOUR

- White

PACKAGING

- 5 kg bags

TECHNICAL DATA

Parameter	Result
Application thickness	1-2 mm
Application temperature	+5°C to +35°C
Waiting time between coats	Max 120 minutes



Date 15/10/2025



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APPLICATION

SUBSTRATE PREPARATION

The substrate must be perfectly clean and roughened. Clean surfaces using hydro-sandblasting followed by pressure washing to remove all dust, loose parts and contaminants. Reinforcing steel must be cleaned manually or mechanically (sandblasting) to remove all rust. Thoroughly wet the substrate to saturation, then wait for excess water to evaporate before application.

FIELDS OF APPLICATION

Apply the first coat of T-FER by brush with a minimum thickness of 1 mm. After 1 hour, apply a second coat, extending it over the entire concrete surface to create a bonding bridge for subsequent mortar application. Repair mortars should be applied after 4-5 hours (within 24 hours maximum).

CLEANING EQUIPMENT

1.5 kg/m²/mm

Mixing ratio: 30 L water per 100 kg of product

STORAGE

Store in original, sealed packaging in a dry place, away from heat sources at +5°C to +25°C. Maximum storage: 12 months.

WARNINGS

- Do not use on smooth or inadequately prepared substrates.
- Do not add cement, lime, sand or other components.
- Do not apply on gypsum, metal, plastic, wood or non-rigid surfaces.
- Protect fresh application from direct sun and rain.
- Moisten the applied material for at least 24 hours.

HEALTH AND SAFETY

Refer to the latest Safety Data Sheet for instructions on handling, storage and disposal. Do not release product or empty containers into the environment.

For PROFESSIONAL USE ONLY.

LEGAL NOTICE

The information and recommendations given above, although they correspond to our best experience, must in any case be considered purely indicative and must be confirmed by exhaustive practical applications. Therefore, before using the product, anyone who intends to make use of it must determine whether it is or is not suitable for the intended application and, in any case, assumes all responsibility that may arise from its use. Always refer to the latest updated version of the technical data sheet, available on the website btechitalia.eu.

Date 15/10/2025