

CONCRETE ANTICORROSIVO

CONCRETE ANTICORROSIVO IS A ONE-COMPONENT ANTI-CORROSIVE CEMENTITIOUS PREMIX THAT IS RE-CALCIFYING FOR THE PROTECTION OF REINFORCING BARS. THE PRODUCT COMPLIES WITH UNI EN 1504-3 (NON-STRUCTURAL CONCRETE REPAIR PRODUCT BY MEANS OF CEMENT-BASED REPAIR CC MORTARS). THE PRODUCT IS RED IN COLOR, NON-TOXIC AND CHROMIUM-FREE. IT EXHIBITS STRONG ADHESION TO CONCRETE AND IRON COMBINED WITH EXCELLENT WATER IMPERMEABILITY. WITH HEXAVALENT CHROME REDUCER: A PRODUCT FORMULATED AGAINST THE DEVELOPMENT OF HEXAVALENT CHROMIUM, AN IMPORTANT CARCINOGEN FOR HUMANS (GROUP I ACCORDING TO IARC).



PAPER BAG/BIN

PRODUCT TYPE IS
INDICATED ON BAG SIDE

USES

CONCRETE ANTICORROSIVE is used for the protection of reinforcing bars in preventive rehabilitation treatment with thixotropic or pourable mortar CONCRETE TIXO 40 - CONCRETE TIXO 40 FAST - MICROCONCRETE NZR400 - MICROCONCRETE NZR500 or smoothing CONCRETE RASANTE UNICO

ADVANTAGES

- Anti-corrosion protection of reinforcing iron
- Excellent adhesion to the substrate
- High clinging of the concrete cover in relation to Eurocode 2 in relation to the exposure classes defined by UNI-EN 206

WARNINGS

- Do not use on concrete that is coming apart
- Do not use on untreated iron (clean free of rust)
- Do not use at temperatures below 2°C



TECHNICAL DATA

Appearance	powder
Color	red
Reaction to fire (EN ISO 1182-1716)	EUROCLASS A1
Application temperature	+ 2° to + 30° C
Application time	± 60 minutes
Application time second coat	± 1 hour at 20° C
Mixing water	± 30% by weight
Supply	Silos - 25 kg sack - 5 kg bin (5 pcs)
Storage	If kept in its original packaging and properly stored in a dry, sheltered place, the product maintains its characteristics for one year. This product complies with the prescriptions of Reg. (EC) N. 1907/2006 (REACH) - Annex XVII, article 4, the aggregate contains a reducing additive with effectiveness for 12 months.
Consumption	± 150 gr/ml on 14/16 mm diameter rod with 2 mm thickness

SUBSTRATE PREPARATION

Substrates should be solid and free of dust, loose parts, grease, lime, gypsum, rust. Free the iron from deteriorated concrete. Clean with wire brush, or by sandblasting or hydroblasting or needle gun until iron is white.

MIX PREPARATION

Check that the packaging is intact and that no lumps are present. Mix CONCRETE ANTICORROSIVE with potable water until a brushable consistency is obtained. The dosage of water should be 30% (gr. 300 of water per kg of product). Stirring should take place until the mixture does not have major lumps. Once the packaging is opened, the product should be used and is no longer storable.

APPLICATION

The product should be put on in two coats; cover the pre-treated iron with the first coat; wait about an hour for the product to take consistency; pass the second coat, taking care to also re-prioritize part of the concrete adjacent to the pre-treated iron. Following this, possibly using a fresh-on-fresh technique, restore with thixotropic or pourable mortar CONCRETE TIXO 40 - CONCRETE TIXO 40 FAST - MICROCONCRETE NZR400 - MICROCONCRETE NZR500 or smoothing CONCRETE RASANTE UNICO.