



TechnoKem
tailor made

Techno BarCote PC 35

Cleaning, Etching and Rust Removing Agent

Product Description

Techno BarCote PC 35, is a single component latex acrylic polymer based emulsion is used for protecting steel reinforcement from corrosion. It only needs to be mixed with cement at site to produce an easily brushable coating.

Uses

Provides passivating protection matrix to reinforcing steel

Advantages

- Anticorrosive - protects from future corrosion
- High adhesion - excellent bonding to all types of steel substrate
- Cement based - compatible with concrete
- User friendly - can be easily applied by brush

Properties

| | |
|---------------------------|--|
| Appearance | Milky white liquid |
| Solid content | Exceeds 35% |
| pH | 8 -9 |
| Specific gravity | 1.04 @ 27°C |
| Application temperature | Not less than 10°C |
| Adhesion to steel | Excellent |
| Bond strength with cement | Good |
| Toxicity | Non-toxic |
| Mix proportions | 1 part Techno BarCote PC 35 acrylic polymer : 1.25 part cement |

Application Instructions

Surface Preparation

Any corroded steel in the repair area and all loose scale and corrosion deposits should be fully exposed. Steel should be cleaned to a bright condition paying particular attention to the back of exposed steel bars. Grit-blasting is recommended for this process. Where corrosion has occurred due to the presence of chlorides, the steel should be high-pressure washed with clean water immediately after grit-blasting to remove corrosion products from pits and imperfections within its surface.

Application

The application of Techno BarCote PC 35 acrylic primer must take place as soon as possible to a dry steel surface after completion of the preparation work but always within 3 hours. One full and unbroken coat of Techno BarCote PC 35 acrylic primer shall be applied by suitable brush making sure the surfaces of the steel are properly coated. A small brush is generally suitable for this purpose. It shall be allowed to dry fully before continuing. If in doubt of having achieved an unbroken coating, a second application should be made as soon as the first coat is fully dry (generally between 45 minutes and one hour). The application of concrete repair materials should proceed as soon as the Techno BarCote PC 35 acrylic primer is fully dry (generally 45 mins. to 1 hour).

Minimum application temperature for Techno BarCote PC 35 acrylic primer is 10°C.

Packaging

Techno BarCotePC 35 acrylic primer is supplied in 1, 5 and 20ltrs Cans

Coverage

Approximately 8 - 10 m²/ litre depending on substrate.

Shelf Life

Techno BarCote PC 35 acrylic primer has a shelf life of 6 months at 30 °C. Techno BarCote PC 35 acrylic primer should be protected from frost.

Health & Safety

Techno BarCote PC 35 acrylic primer is non toxic. However it should never be ingested and if it comes into contact with eyes, it shall be washed immediately with plenty of water and medical advice shall be sought.

Techno BarCotePC 35 acrylic primer is slightly alkaline. Skin contact should be avoided. Gloves and protective clothing should be worn during handling/application of the product.

Fire

Techno BarCote PC 35 acrylic primer is non flammable

Technical Service

- Technokem has an advisory service on concrete mix design & application of right products at right place, can be contacted if assistance is required.
- Technokem maintains a technical division with highly qualified Technical Personnel to investigate and advise on subjects related to concrete and the Construction Industry.
- The Division will advise on the correct use and selection of right products at the right place.
- Technokem undertakes Consultancy Service for diagnosis and rehabilitation of distressed structures; undertakes / delegates jobs as a package for total waterproofing system with guarantee.

Important: Technokem products are guaranteed against defective materials and are sold subject to its standard terms and conditions of sale. It is the Customer's responsibility to satisfy themselves by checking with the Company whether the information is still current at the time of use. The customer must be satisfied that the product is suitable for the use intended. All products comply with the properties shown on current Technical Literatures. However, Technokem does not warranty or guarantee the installation of the products as it does not have any control over installation or end use of the product. All information and particularly the recommendation relating to application and end use are given in good faith.

For Complaints/Suggestions:

Please write to our Customer Care Executive at

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