



TECHNY CHEMY

TEC[®] BEAT RB Reinforcement Coating-Acrylic Co-Polymer Based



KEY BENEFITS AND FEATURES

- Affords excellent protection to rebar's embedded in concrete even in extremely corrosive weather conditions
- Improves the durability of reinforced cement concrete and extends concrete life considerably.
- Ensures optimum bonding between the steel and the concrete.
- Extremely user friendly-easy to apply.
- A cost effective corrosion protection system for new rebar's.

USAGE

- Ideal for use in pile foundations and marine environments.
- Can be used on rebar's in corrosive industrial conditions.
- Enhances concrete life when used in water retaining concrete structures like sumps, over head tanks, and reservoirs.

DIRECTIONS FOR USE

Surface Preparation :

The rebar surface should be thoroughly cleaned to be free of oils, grease,, contaminants, rust and scales. The surface may be cleaned by wire brushing followed by sanding with emery and wiping clean. For larger volumes grit blasting is recommended.

Mixing

Add two parts cement to one part Tec[®] Beat RB in a clean vessel and mix to obtain a lump free and homogenous mix. To this mix add ½ to 1 part Fine River and slowly while continuing to stir. Add just enough water to achieve a clean brushable lump free consistency. Cement should be added while gently mixing in order to avoid lumps. Mix only as much material that can be applied within 30-40 minutes.

Application

Apply quickly over the prepared rebar surface by brush ensuring a break-free finish. A second coat may be applied if needed over a tack free first coat.

Post Application

No curing is required. The rebar's are ready for use in 30-45 minutes of application.

CLEANING

Tools and equipments should be cleaned with water when the mix is in uncured state. Cured mix can only be removed mechanically.



Certified:
ISO 9001 (QMS) & ISO
14001 (EMS)



TECHNICAL DATA

Physical State	Part- A- Liquid Part-B- Liquid
Pot Life at 30°C	White Liquid
Specific Gravity	1.02-1.03gms/cc
pH	7-9
Compatibility	Compatible with all types of OPC and Sulphate resisting cements. Delayed setting may be experienced when used with PPC.
Storage	Store in cool, dry location
Shelf Life	Maximum of 1 year from date of manufacture of unopened package.
Coverage for one coat application	15* Kgs of Tec ^R Beat RB/MT of Steel. (Approximately) *The coverage will vary depending on the diameter of the rods

PRECAUTIONS

Direct contact with eyes should be avoided. In case of accidental eye contact thorough water washing is advised. This should be followed up with professional medical assistance. Prolonged contact with skin should be avoided. Use of gloves, goggles and other protective gear is mandatory. Although Tec^R Beat RB is non-toxic it should not be swallowed. Tec^R Beat RB is non flammable.

Packaging

Available in: 1,5,10,50,120,210Kgs

OTHER PRODUCTS

Techny manufactures lot more range of other products for construction and repair applications. They include admixtures for concrete, mortars, block making etc, waterproof and damp proof coating systems, Repair and rehabilitations products, Grouts and Anchors, Protective, Decorative and Corrosion prevention coatings, Epoxy Flooring systems, Industrial flooring systems and Tiling aids. For more details refer Separate Product brochures.

Every reasonable precaution is taken in the manufacture of the Techny products to ensure that they comply with high standards of quality. The recommendations and properties of the products are based upon what is believed to be the most reliable information available and are not intended as recommendations which infringe other patents. Although all Techny products are subject to rigid quality tests, no specific guarantee can be given, because results depend not only on quality but also on other factors beyond our control. We therefore welcome consultation in the event of doubt about application performance etc but do not accept any liability either directly or indirectly arising from the use of the products whether used as per its specifications or advice or otherwise. All transactions shall be subject to our terms of sale, delivery and payment. The leaflet supercedes the previous one and any new issue may take place without notice to supercede this edition as and when it becomes necessary.

TECHNICAL DATA SHEET
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