

BestProtect CE500

Bonding and Protecting Compound, One Component

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PHỤ GIA & HÓA CHẤT XÂY DỰNG BESTMIX® CONSTRUCTION CHEMICALS & ADMIXTURES
 PHỤ GIA BÊ TÔNG, XI MĂNG - HÓA CHẤT CHỐNG THẤM - VỮA RỐT RỐT KHÔNG CƠ NGỐT - NỀN SÀN - KẾT NỐI - TRÁM BÍT - SỬA CHỮA - BẢO VỆ AN THIÊN ★ CEMENT AD - CONCRETE ADMIXTURE - WATERPROOFING - GROUTING - FLOORING - BONDING - SEALING - REPAIRING - PROTECTING - FINISHING

Description:	BestProtect CE500 is a bonding agent and protecting reinforced, cement-polymer base, one component. BestProtect CE500 is a combination of particular cement, mineral and silicate minerals fiber, the active silicon oxide, polymer, corrosion inhibitor and other additives to produce specialized chemical and physical features necessary for the product.
Uses:	BestProtect CE500 is used to connect and protect the reinforcement against corrosion in concrete as well as enhance adhesion strength for repair mortar BestRepair in the work of repairing concrete reinforcement, particular for concrete-reinforcement in high corrosion environments such as the underground work in areas of salinity, alum or other coastal works,..
Advantages:	<ul style="list-style-type: none"> • One component, quantitative accuracy, homogenous and available in the factory, is easy to use (just add water and mix well) to minimize risks during construction. • High flexibility, adjust easily since saving labor, materials, and construction easily. Non-shrinkage, reduces the cracking surface during construction. • Rapid and high strength development, carry out to use construction quickly • Improve abrasion resistance, chemical attachment resistance, and waterproof for surface repair. • Cure easily. • Non-poisonous, can use for utility and potable water tanks. • Non-chloride to corrode carcass. • Fitted with the Vietnamese climate.
Test:	The test results are done under climate Vietnamese conditions.
Technical data:	
Existence form:	Dry powder.
Color:	Grey cement.
Density:	Dry powder: 2.85 ± 0.02 kg/liter. Wet : 1.95 ± 0.02 kg/liter.
Storage condition:	Unopened bag, take a cool and dry place.
Shelf life:	At least 06 months according to the storage condition.
Package:	25 kg/bag
Water mixing ratio:	20 ± 1 % (by the weight).
Consumption:	2.0 kg dry powder/1m ² /1mm thickness.
Bonding strength:	≥ 1.0 N/mm ² (on concrete)

Application:**Surface preparation:**

- Surface treatment properly, drops or low strength surface must be removed.
- Avoid spreading grease, and oil,... Use a high compressor head to clean the surface before constructing.
- If the surface is dry, must be wet with fresh water.

Mixing:

- Pour slowly BestProtect CE500 into fresh water with a water mixing ratio of about 19-21% compared with the weight of powder, about 4.75-5.25 liter fresh water for 25 kg, continuously stir well with the speed of mixer 400 circles/mins(do not stir with the higher speed to avoid entrain air) during 5 minutes until material is homogenous and not clumping.
- Wait 05 minutes and mix again before construction.

Applying:

- Use to connect: Use a brush strongly sweep BestProtect CE500 up to the entire prepared surface with a dosage of 1.5 kg/m²/layer. Repairing the BestRepair layer or pouring new concrete when the BestProtect CE500 layer is still wet. If Layer BestProtect CE500 has dried, re-apply other layers before applying to the next step.
- Use to the core of protection: Use a brush strongly sweep of BestProtect CE500 on the entire surface of the reinforcement to be cleaned with a rate of 1.5 kg / m² / layer. Minimum 2 exam layers, the next layer after the first layer about 4-6 hours.

Curing:

Curing regular requirements as other cement base products. Reduce free of bleed water by covering wet sackcloth, plastic cover or cure compound BestCure AC015 or BestCure SS015.

Cleaning and safety:

- Clean equipment immediately after construction.
- BestProtect CE500 is an alkali material, should wear gloves, masks, and glasses while handling the product.
- In case of accidental contact with the eye, wash with fresh water and seek medical advice immediately.

Disclaimer:

The technical information and application instruction in documents of BESTMIX are based on BESTMIX's current knowledge and practical experience. The information here only describes the general nature of the product, so users should test the product for each purpose. BESTMIX has the right to change the features of our product, user must always refer to the latest technology product.