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**CONTECH
CHEMICALS**

Chemists to the Building Industry

Conplast Mix 500

Ready Mix Cement Based Fibre Reinforced Plaster Mortar

Description:

Conplast Mix 500 is a Ready Mix Cement Based Fibre Reinforced Plaster Mortar having fine sand of maximum size of 1.5mm & other special chemical admixtures which gives the extra bonding power as well as crack resistance properties.

Where Used:

It can be used internal and external wall plaster in a minimum thickness of 12-15 mm. It can be used on Brick, Stone wall, ARC Blocks, Concrete, Fly Ash brick.

Advantages / Features:

1. No need to bring slit & mud free good quality Sand
2. Just add water at site & have a best quality smooth & durable plaster with no loss of mortar on which tiling can be done faster and efficiently.
3. No rebound & good adhesion on various subtract.
4. Less curing / pre wetting compulsory.
5. Smooth and hard surface provides aesthetic base of plaster to work upon.
6. Easy to mix.
7. Consistence quality and very good impact strength.
8. Extended working time.
9. Better workability than field mixes, thus saving time and labour cost.
10. Fibre reinforced crack resistance.

Technical Data Sheet:

Colour	: Grey
Composition	: Portland cement, Sand, Fibre and other additives.
Mixing Ration	: 8-9 Litre per 50 Kg bags
Maximum Grain size	: 0-1.5mm
Bulk Density	: 1.40 ± 0.10 Kg/Litre unit
Coat Thickness	: 15-18mm (6-12mm thickness of layer)
Wet Mix Life	: 1-2 Hours at 30 degree C



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Surface Preparation:

The substrate should be clean, sound and free from Dust, Grease and loose particles etc. Pre wet the substrate with clean water prior to start the application of Conplast Mix 500. Fill up the construction joints i.e. between RCC and brick wall with our 'Conbond' concrete adhesive before starting the application of Conplast Mix 500. Smooth/Dense concrete surface should be made rough.

How to Use / Mixing and Application:

Add about 6-8 Litres of clean water per 40 Kg Bags of Conplast Mix 500. Mix it properly by manually or mechanically with slow speed electric stirrer until a good homogeneous mix is obtain. Allow mixture to stand for 2-3 minutes for additives to dissolve and mix it once again just before use.

Plaster the surface with a trowel on the wall to a desired thickness. The prepared mortar should be consumed in one hour. Minimum thickness of plaster should be between 15-18mm. Finish it with the steel trowel or wooden float to ensure optimum bonding of plaster to the substrate.

Packing

Conplast Mix 500 is available in 40 Kg HDPE laminated bag.

Curing:

Cure the surface for 2-3 times for 3-4 Days when the surface becomes dry.

Coverage:

50 Kg bag of Conplast Mix 500 will cover 18-20 Sq.ft in 14-15mm thickness. The Coverage depends upon the substrate.

Shelf Life:

Conplast Mix 500 can be safely stored up to 6 months if kept on dry place above the ground level and covered wall.

Health and safety:

Contains Portland cement, silica sand. Freshly mix cement is highly alkaline and may cause skin injury avoid creating and inhaling dust. Provide ventilation and respiratory protection. Wear skin and eye protection. Dust mask recommended.