



Think **Gypsum** - Think **Buildon**



BONDIT **PLASTER BOND+**

www.buildon.co.in



Buildon Bondit Plaster Bond+

Is a high-performance bonding agent for gypsum on concrete blocks/RCC surfaces. Further, it has waterproofing properties, and hence it prevents leakages from the cracks in the plaster.



Advantages



Ready to apply single coat paint



A very strong mechanical cum chemical bond is created



Coverage is about 45 sqft/kg.



PH value is 8.5



The green colour of BONDIT gives it good visibility



No hacking is required on concrete surfaces. Hence prevention of microcracking in concrete & saving of labour



The bonding strength is more than 4.5kgs/sqft.



It is an elastomeric material & hence can withstand movements in the structure without cracking



Buildon Bondit Plaster Bond+ is a mixture of Polymer-Cement composite and can be used for multiple purposes.



Waterproof Coating














Bonding of Gypsum/Cement






Concrete Repairs




Waterproof Coating

-  Clean the concrete surface with brush.
-  Fill any depression with mixture of cement, silica sand & Bondit Plaster Bond+ in the ratio of 1:1:50:0:50.
-  Apply first coat of mixture on moist concrete.
-  Third coat also can be applied if required.
-  After air drying for 4 to 6 hours, cure the coated surface by spraying water for 24 to 48 hours.
-  On terrace for top coat white cement can be used.
-  Wash the concrete surface with water one hour before application of Bondit Plaster Bond+.
-  Mix Bondit Plaster Bond+ & cement in the ratio of 1:4.
-  After 4 to 6 hrs apply 2nd coat of mixture.
-  Fresh coated surface should not be submerged in water for 48 hours.
-  Surface is usable after 24 hours of treatment.

Bonding of Gypsum/ Plaster

-  Clean the concrete surface
-  Apply Bondit Plaster Bond+ with brush or spray machine.
-  After 30 to 40 minutes when Bondit Plaster Bond+ is tacky apply gypsum plaster.

Concrete Repairs

-  Clean the pocket & wet with water.
-  Apply in the pocket cement Bondit Plaster Bond+ slurry (2:1 ratio).
-  Mix Bondit Plaster Bond+, cement & silica sand in 1:2:4 to 6 ratio and fill the pocket or large cracks etc.



Application Procedures



Mix the contents before use



BUILDON Bondit-Plaster Bond+ is used for high strength bonding of Gypsum Plaster to concrete blocks RCC. No hacking is required



Apply gypsum plaster after 24 hours or after the material has dried based on environmental conditions

Precautions



If the material goes in the eyes wash with water till the burning stops or immediately visit doctor

Technical Specifications

| | |
|----------------------|---|
| Chemical Composition | Modified Hybrid System |
| Physical Appearance | Green Viscous Paint |
| Solid Contents | More than 52.50 % |
| Viscosity | 2500 cps max |
| PH Value | 8.5 |
| Butt joint strength | More than 4500gm/scm |
| Film Characteristics | Green granular flexible |
| Handling & Storage | Protect from frost. Containers once opened should be shut tightly to prevent contamination. Stocks should be used on a first in, first out basis. |
| Packing | 20kgs Plastic Buckets |
| Shelf Time | 6 months |



Buildon Plasters Pvt. Ltd.

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