



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



Strong walls.  
Stronger bonds.  
**BONDIT-151**

[www.buildon.co.in](http://www.buildon.co.in)



**BUILDON BONDIT 151** 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 application



A very strong chemical bond is created



Coverage is about 100 sqft/kg.



PH value is 7-9



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



The bonding strength is more than 2kgs/sqft.



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



**BUILDON BONDIT-151** is a mixture of Polymer-Cement composite and can be used for multiple purposes.



Waterproof Coating



Crack Sealing



Bonding of Gypsum/Cement



Plaster to Concrete



Concrete Repairs












Tile Fixing on Walls








Fixing Tile on Tile




## Waterproof Coating

-  Clean the concrete surface with brush.
-  Fill any depression with mixture of cement, silica sand & Bondit-151 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-151.
-  Mix Bondit-151 & 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.




## Crack Sealing

-  Make V-groove on the face of the cracks.
-  Make the crack wet.
-  Mix Bondit-151 & cement in the ratio of 1:2 & apply on the crack.
-  Add more cement to the Bondit-151 cement mixture to make suitable paste & fill the crack.
-  Grey or white cement can be used.



## Bonding of Gypsum/ Plaster

-  Clean the concrete surface
-  Apply Bondit-151 with brush or spray machine.
-  After 30 to 40 minutes when Bondit-151 is tacky apply gypsum plaster.






## Concrete Repairs

-  Clean the pocket & wet with water.
-  Apply in the pocket cement Bondit-151 slurry (2:1 ratio).
-  Mix Bondit-151, cement & silica sand in 1:2:4 to 6 ratio and fill the pocket or large cracks etc.

## Tile fixing on wall

-  Wet the already plastered wall with water.
-  Mix Bondit-151 & cement to desired consistency and apply on the back of tile & fix the tile on plastered surface.

## Fixing Tile on Tile

-  Clean and wash old flooring.
-  Mix Bondit-151 & cement in the ratio of 1:3 to 1:5 to make paste depending on desired viscosity.
-  Apply cement-Bondit-151 paste on the back of new tile.
-  Press the new tile on old flooring.
-  Use the new flooring after 48 to 72 hours.



## Application Procedures



Apply with brush on dry concrete blocks/RCC.



Apply gypsum plaster between 1 hour to 24 hours of BONDIT application.

## Precautions



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

## Technical Specifications

**BUILDON Bondit-151** is used for high strength bonding of Gypsum Plaster to concrete blocks RCC. No hacking is required.

<b>Chemical Composition</b>	Modified Hybrid System
<b>Physical Appearance</b>	Milky White Emulsion
<b>Solid Contents</b>	More than 40%
<b>Viscosity</b>	1500 cps Max
<b>PH Value</b>	7-9
<b>Butt joint strength</b>	2000 gsm/scm
<b>Film Characteristics</b>	Clear, forms flexible system with cement
<b>Handling &amp; Storage</b>	Protect from frost. Containers once opened should be shut tightly to prevent contamination. Stocks should be used on a first in, first out basis.
<b>Packing</b>	20kgs HDPE Jerry cans
<b>Shelf Life</b>	6 months



### **Buildon Plasters Pvt. Ltd.**

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