



biltech™ | **SIPOREX**

Gypsum Plaster



β HEMIHYDRATE Type A

About Us..

Established in 1993, BBEL has more than 27 years of experience and is the largest producer of Autoclaved Aerated Concrete (AAC)

Blocks in India. The company has a manufacturing capacity of 10,70,000 cum., which makes it the Leader in the category. BBEL is now venturing into the Dry-Mix category.



GYPSUM PLASTER

Super
Fine

Better
Whiteness

Easy
Application

Prevent
Shrinkage
Cracks

Biltech Gypsum plaster is a processed gypsum-based plaster used for false-ceiling and internal wall covering. It is produced as a result of calcinations of the raw gypsum in an automatic kettle under controlled temperature. It is suitable for application on most internal surfaces including brick, block and concrete. It consists superior quality pure gypsum. Gypsum plaster provides excellent thermal and acoustic properties while providing superior rich and smooth finish.

Why Biltech GYPSUM PLASTER ?

- The material has low thermal conductivity making the plaster a good climatic insulator, keeping the internal temperatures pleasant at lower energy costs.
- Whitest & smoothest base reduces paint consumption.
- Reduces structural load on building as it is 50% lighter than sand cement plaster.
- Faster setting time than a conventional sand cement plaster.
- Provides higher coverage and requires no water curing.
- Ready to use and easy to apply without shrinkage and cracks.
- LEED Points benefit can be ascertained for green building construction.

Lighter
Construction

No
Water
Curing

*Single
Coat
Application

Extra
Smooth
Finish

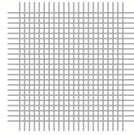
Features...

Appearance & Color



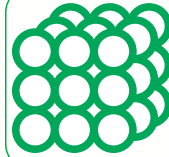
Whiteness
81%
(Approx.)

Fineness



200
Mesh

Average Density



650-750
Kg / m³

SO₃ Concentration

**Sulfur
trioxide**

42.12%
> 35%

(as per IS:2547 Part-1)

Water Demand



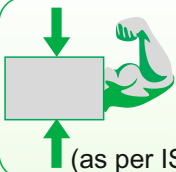
45%
Per 25Kg Bag

Pot Life



Within
15
Minutes

Flexural Strength



> 5
Kg / cm²

(as per IS:2547 Part-1)

Initial Setting Time



12-15
Minutes

Final Setting Time



20-40
Minutes

Residue of 150u size



2.1 %
< 5%

(as per IS:2547 Part-1)

*Coverage

*22-24 sq.ft./ 25kg
For 12-13 mm thickness

*30-32 sq.ft./ 25kg
For 7-8 mm thickness

CaO Concentration

**Calcium
Oxide**

31.65%
> 2/3 of SO₃

Available in 25 Kg



Precaution..

- Biltech Gypsum Plaster-POP is non-toxic and non-hazardous.
- Use of gloves, dust-mask and goggles is recommended.
- In case of contact with skin or eye, wash gently with water.
- In case of persistent irritation, medical help should be sought.
- Keep out of reach of children.



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