



Bizcrete Buildmark Pvt. Ltd.

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Specifications for Bizcrete Buildmark Pvt.Ltd.

Buildmark Gypsum Plasters:

Buildmark Gypsum Plaster by Bizcrete Buildmark Pvt.Ltd. is specially formulated gypsum based plaster solution; facilitating aesthetics and performance for all interior applications. The plasters are made especially after adding light weight additives which give special properties like higher coverage, better whiteness, etc. They are manufactured in an automatic continuous flow kettle under controlled temperatures. It is used to replace unhygienic and cumbersome masonry (Sand – Cement) plastering method inside buildings.

Range of Products Offered by Buildmark Gypsum:

Buildmark® Range

- **Buildmark Gypsum Plus**
- **Buildmark Gypsum Plaster**

Sr. No.	Product	Coverage
1.	Buildmark Gypsum Plus	85-90 M2 / 1000 Kgs.

Note:

Buildmark Gypsum Coverage is as per Lab Conditions & Tests at 13 mm thickness.

Estimated Consumption:

Buildmark Gypsum Plus:

Size Of area to be plastered (Mtrs.): 10* 10 = 100 Sq Mtrs.

Material required (Tons.) = 1.25 Tons i.e. 50 Bags.

The above consumption estimate is based on assumption, that thickness of plaster is 13mm maximum, on to an evenly rough surface.

Packaging: Bizcrete Buildmark Pvt.Ltd. Plasters comes in a pack size of 25 Kgs. Factory packed in HDPE Bags. Mentioning name of the product, manufacturing date, shelf life, batch no, lot no and other relevant details.

No of bags in One Ton: Each bag is a 25 Kg. Bag consisting of 40 Bags in One Ton.

No Hooks to be used to lift the bag.

Storage at Site: Gypsum being Hygroscopic in nature, it has a tendency to absorb moisture; hence storage becomes a critical part of ensuring good quality.

Store and stock gypsum bags in a dry place, stock bags in piles of not more than ten bags in one column, stock bags at least 5 cms.; above the ground level on a wooden plank, cover the stack of gypsum bags with a plastic sheet. Store stock of Gypsum in sufficiently ventilated area, allowing free movement of air.

Keep gypsum bags away from water.

Avoid using partially used material; open bags with partially used material should be kept in a bag with its mouth closed.

Transportation on Site: On site bags are to be transported either manually or mechanically by help of hoist.

Use material in order of first come first basis.

Surface Preparation and fixing levels before applying Gypsum Plaster:

- Surface for application of Gypsum should be Clean and free from dust, loose particles, and loosely bonded masonry
- Masonry joints should be properly raked and clean
- PVC net (Chicken mesh) is to be applied on to the joints of brick work and RCC joints, as well apply the mesh over conduits and other joints, so as to ensure crack free surface
- The PVC mesh is to be applied 2” on either side of the joint (Brick work and RCC)
- In case of RCC surface, we recommend **Buildmark® Bond it** – bonding agent for gypsum plaster to be applied, before application of plaster, this ensures proper strong durable bonding to smooth concrete surface.
- Surface should be pre wetted before application of plaster
- Level patches (Dhadda) to be applied on to the wall surface before applying of gypsum.
- Level to be taken in correspondence with corners, windows/doors, projections etc.

Tools, Water Plaster Ratio, Mixing of Plaster:

- **Tools** to be used for plastering are Mixing Container, Mixing Rod, Trowel, Line Dori, Plumb Bob, Aluminum level strip etc.
- **Water Plaster Ratio** depends and varies from plasterer to plasterer, we recommend water to plaster ratio in 1: 1 proportion (1 part Water and 1 parts Plaster)
- **Mixing** of plaster has to be done in a clean container
- **Limited material** to be mixed, the mixed material should be brought to use within one hour from the time material is added to water.
- **Water** used for mixing should be clean potable water
- **Mixing of plaster** is to be done by help of a mixing rod only. (No mixing by hand). Thorough mixing is to be done till a consistent paste is formed

An ideal plaster paste would be a consistent paste, sticky in nature no lumps of plaster within it, easy to carry and apply by trowel.

Application and finishing of surface:

- Pre wet the surface to be applied with plaster
- Apply plaster paste in the area demarcated by level strips, use trowel for application
- Finish the surface by help of aluminum strip

- Let the applied and partially finished surface dry for a few minutes
- Finish the surface by help of trowel
- Ensure even, leveled application of plaster, kindly use level strips as reference to level and finish the entire wall surface
- While applying of plaster maintain right angle of corners by help of tools
- **No curing is required**
- Buildmark Gypsum Plus Plasters are to be applied directly on to the bare walls and ceiling, does not require any conventional plastering.
- Recommended thickness for Buildmark Gypsum Plus plaster should not exceed 13mm on vertical wall surfaces
- In case of ceilings, plaster thickness should be kept to minimum possible; in a range of 5mm to 8mm
- Allow the plastered surface to dry for at least 72 hours; once the surface has dried completely it is ready for painting.

Testing Standards:

Confirms to IS 2542 (Part I)-1964 for physical characteristics

Confirms to IS 2547(Part II)-1976 for chemical characteristics