



DO'S AND DON'TS FOR USE OF GYPSUM PLASTER

DO'S

- Always add Gypsum powder to water not water to Gypsum powder for mixing.
- Use the right ratio for mixture. Water to plaster ratio (1 part of water: 1.25 part of plaster by weight)
- Surface should be thoroughly brushed with broom, remove dust and mortar.
- Recommended to wet the surface before application.
- All kind of fixing and fitting services should be done before proceeding to plaster.
- Apply excellent cohesive bond to RCC structure. In case of hacking it should be 40-50 numbers per square feet area up to 2 -5 mm depth.
- Use approx. 8 inch 145 GSM glass fiber mesh (at the junction) is recommended.
on joint, spread the fiber mesh, so that the joint comes in between it (i.e. approx. 4 inches on each side)
- Use Cool & Soft water

External Plaster Work Care

In case **Dudhi Gypsum (Brick Solution)** is applied on internal walls but the exterior cement plaster work of the same wall is pending then Cement Plaster work must be completed prior to painting of the internal walls. Any seepage of moisture during curing from outside will from escape surface of the Gypsum plaster. Please note that the escaping water from **Dudhi Gypsum (Brick Solution)** may leave some green spots on the surface which can be easily removed with the help of sand paper and then Paint work of the internal walls should be done.

It is not suitable for use in long continuously damp surfaces. For application make the substrate dry and then application to be made.

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DON'TS

1. Do not add anything else except water
2. If gypsum powder gets set, in bucket then don't use this material.
3. Do not use Expired Gypsum powder (Use within 6 Months from manufacturing date)
4. Don't keep the opened material bag in wet place.
5. The thickness of plaster should not be more than 15 mm on wall and 10 mm on ceiling. If the thickness is more than 15 mm, then plaster work should be done in two parts with fiber mesh. Otherwise use rough cement plaster.
6. Precautions for Application of Gypsum Plaster when situations like very high moisture:

It is a well-known fact that weather has a very crucial effect on the setting and strength development of all hydraulic binders e.g. Gypsum.

If Gypsum Plaster is to be applied on RCC surfaces with the thickness of the application being more than 10 mm then It is to be applied only when moisture is very low and the temperature is more than 10 Degrees Celcius.

If we do not take these precautions then there will be issues with proper strength development of the Plaster and setting time also which will lead to unwanted cracks and satisfactory performance is not possible.

Hence it is recommended to avoid application of the Plaster in all such situations like very high moisture (most likely when it's raining) and lower temperature.

7. After application of gypsum plaster, there shouldn't be any regular water leakage.
8. Do not use Gypsum Plaster for External wall structure, it is used for internal structures only.

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DO'S AND DON'TS FOR USE OF PLASTER BOND

DO'S

1. Surface to be coated should be free from dust, wetness, loose particles, mould oil and Concrete Curing Agent (other agents) Stir well before using the bond.
2. Apply the plaster bond by wider paint brush as the aggregates should form a textured finish in random pattern on the surface along with thin coating.
3. Observe drying time of approx. 24 hours.
4. The coated surface should be plastered within 10-15 days to avoid damage of coating or accumulation of dust particles on the surface.

DON'TS

1. Thickness of Gypsum plaster should not be more than 15 mm with this plaster bond on ceiling.
2. Do not over coat, as single uniform coat is sufficient for the adhesion.
3. Do not waste the aggregate of plaster bond during the application.
4. Do not mix water to plaster bond.

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