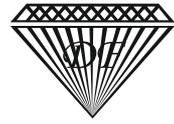


Product Data Sheet



DF GYPSUM PLASTER®

Description

DF Gypsum Plaster is a single coat gypsum plaster that is used for internal finishes, which include, but are limited to drywall partitions, brickwork & concrete. It provides seamless, smooth, superior and durable base for application of ornamental finishes over internal walls and ceilings. **DF Gypsum Plaster** is a fine, composite of Calcium Sulphate Hemihydrate, commonly known as gypsum plaster. Which requires only water to prepare it for use.



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We understand that **EVERY PURCHASE MATTERS**



Technical Drivers of Diamond Plaster

- ▶ Approx. Coverage - 80-90 m²/ton*
- ▶ Initial Setting Time - 15 - 20 mins
- ▶ Final Setting Time - 20 - 25 mins
- ▶ Bulk Density (Dry) - 650 - 770 Kg/m³
- ▶ Bulk Density (Wet) - 1.4 - 1.5 gm/m³

Chemical Composition : Calcium Sulphate
Hemihydrate : CaSO₄. ½H₂O

Benefits of DF Gypsum Plaster

- ▶ Direct single coat application
- ▶ Totally maintenance free
- ▶ It is compatible with any type of paint
- ▶ Available sizes in 20kg packaging
- ▶ Free of shrinkage cracks
- ▶ Attractive and smooth finish
- ▶ True color shade and gloss for paints with enhanced light reflectance

Test Method : IS: 2547(Part1)- 1976 (Reaffirmed 2012)
IS: 1288 1982 (Reaffirmed 2012),

Standard operating procedure for Plaster Application

Apply plaster on the background and make it free from dust by brushing with a broom. It should also be washed to clean the traces of mould oil. More spread and higher coverage is done by wetting the surface prior to application.

DF Gypsum Plaster is mixed with water using a mixer and the paste is formed. Plaster should be mixed with water and not to be done the other way.

- To have a right mix, water to plaster ratio should be: 1 part of water: 1.5 part of plaster. Depending upon the requirement prepare the Plaster mix.
- Do not add any additional dry material, once the mix has begun to set, because the performance properties of the plaster will get altered.
- Do not use wet brush on to the finished surface, as that would spoil the surface by leaving permanent brush marks.
- A single coat should not exceed 13mm in thickness, if the required thickness is more than 13mm, additional plaster coats should be applied but a single coat should not exceed 13mm in thickness.
- It would normally take 72 hours approx. to dry, based on the thickness and weather conditions. Once dried the surface is ready for painting.

Storage & Handling



DF Gypsum Plaster is packed in 20Kg bags. The bag is ergonomically designed to make storage and handling easier. The ergonomically designed bags assist in keeping neatly stacked pallets. Special care needs to be taken to ensure dry storage conditions, as moisture shortens the setting time, causes lumps/ nodule formation in the bags and therefore may affect the strength of the set plaster work. Usage of hooks or any sharp tools should be avoided while moving bags from one location to another.

Diamond Plaster is a registered trademark of Diamond Frames Pvt. Ltd.