



Chennai Paints - Superfine Plaster of Paris

Superfine Plaster of Paris is a very popular chemical substance that is mostly used for sculpting and also in gauze bandages and it is used by doctors to support fractured bones. There are many uses of Plaster of Paris in our day to day life as it is used in construction industry, in making casts for statues and making designs for ceilings and as Plaster on the Walls. It is used in Paint Industry as crack filler to repair and fix various gaps, holes and cracks in drywalls, Plaster walls and ceilings. Plaster of Paris is a white color free flowing powder.



Pack Size 1kg, 5kg, 25Kg

 Water Base

Application

- Superfine plaster of Paris has a remarkable property of setting with water. On mixing it with an adequate amount of water, it forms a plastic mass that gets into a hard solid in 5 to 15 minutes.
- Superfine Plaster of Paris is Non-flammable: Non-combustible It has fire resistance quality and its material is ideal for heat insulation.
- The material does not shrink and is easy to spread. When it sets there are no cracks on the surface of the dry Plaster of Paris.
- It forms a very thick surface and can resist normal knocks after drying.
- It does not expand much on setting and can be effectively worked with sheets and it can be molded as desired.
- It is applied in the form to enable quick setting using water.

Direction for Use

Area of Application - **Cementitious materials**

STEP 1

Add 2 cups of plaster of Paris to 1 cup of clean portable water.



If you need a larger batch, increase the amounts accordingly.

STEP 2

Pour the water into a mixing bowl; slowly add superfine plaster of Paris to the water, stirring constantly, until the mixture reaches the desired consistency.



STEP 3

Apply this paste using a Putty knife.



STEP 3

After 4-6 hours of drying the surface can be smoothed using an emery paper.



This is applicable for repairing the crack; gaps in cement wall and plaster ceilings

Note - (Do not add it to cement because it will set the cement too fast and make it non workable. It is not a water-resistant substance. It is a notably dry and porous substance. Whenever it is uncovered in water, it will soak up .Superfine Plaster of Paris is an extraordinarily porous cloth when dried, and as such, will take in any new water that touches its surface.) It is not an internally water resistant and should not be used in any application that will be subject to moisture exposure. Due to its low solubility in water, it is advisable not to use it in wet or humid environments.

Technical Data

S.No	Particulars	Result
1	Plaster - Water Ratio	100-70
2	Mesh	150
3	Mixing/Soaking/Blending Time	4 Minutes
4	Pourint Time	2-4 Minutes
5	Initial Setting Time	6-10 Minutes
6	Final Setting Time	15-20 Minutes
7	Rise In Temperature -*C	14-18 Degree centigrade
8	Porosity	50 % (+/- 10 %)
9	Expansion	0.6%
10	Bulk Density	1.2 Gms/CC
11	Colour	White



Information on Uses & Safety

- Store the bag with the mouth tightly closed in an upright position, in a cool, dry and well ventilated location away from source of ignition and fire.
- Keep out of reach of children and away from food, drink harmful if swallowed. In case of ingestion seek immediate medical attention.
- Avoid contact with skin for prolonged period. In case of any contact with eyes, wash immediately with plenty of water and seek medical attention.
- Use protective equipments like rubber or polythene gloves, safety goggles or glasses, face mask while handling the product
- Do not pour leftover slurry down the drain or in water courses. In the event of spills, contain spillage using sand
- Left-Over Disposal: Left-over paint/drums/ woven sacks/ Packets should not be disposed in soil/drains. Consumers should consult a local recycling agency for proper disposal of paint/drums/ sacks etc

(Note- Specifications subject to change without notification. The technical data provided is as per our internal lab testing and may vary as per the actual installation method of application done at site)

Disclaimer – Information provided on this data sheet is only a guideline for usage. It is advised to undertake a trial of the product before full scale usage. Any information and / or specification contained / shared herein is to the best of our knowledge true and accurate, no guaranty / warranty is given or implied in connection with any recommendation or suggestions made by us the company (Chennai Paints), our Representatives, Agents or Distributors, as the conditions of use of any labour involved, site conditions are beyond our control.