

## Gypsum Plaster (Silver)

**Gypsum Plaster (Silver)** is light weight gypsum-based plaster suitable for application on most internal surfaces including brick, block, and concrete.

### PRODUCT DESCRIPTION

**PRODUCT:** Gypsum-based plaster consists of pure gypsum.

<b>COMPOSITION</b>	<b>Gypsum</b>
<b>COLOUR</b>	<b>Off White</b>
<b>TESTS</b>	Tested according to IS: 2542, IS: 2547, IS: 1288
<b>FEATURES</b>	<ul style="list-style-type: none"><li>• Faster setting than the conventional sand cement plaster</li><li>• Reduce structural load on building as it is 50% lighter than sand cement plaster</li><li>• Direct application on Bricks, Blocks, RCC &amp; Sand cement surface</li><li>• No water curing required</li></ul>
<b>USES</b>	<ul style="list-style-type: none"><li>• Smooth finish</li><li>• Cost-Effective</li><li>• No shrinkage cracks</li><li>• Excellent bonding</li><li>• Light in weight</li><li>• Imparts high coverage</li><li>• Zero maintenance</li></ul>

## TECHNICAL ANALYSIS (CONFORMS TO IS: 2542, IS: 2547, IS: 1288)

### TECHNICAL DATA

PARAMETERS	SPECIFICATIONS
<b>WHITENESS</b>	<b>&gt; 65 %</b>
<b>CONSISTENCY</b>	<b>60 – 70 %</b>
<b>FINENESS (150 micron) #</b>	<b>&lt; 5.0 %</b>
<b>SETTING TIME</b>	<b>8 - 25 minutes</b>
<b>DENSITY</b>	<b>0.9 -1.1 g/ml</b>

### MECHANICAL PROPERTIES

#### PULL-OFF STRENGTH (AFTER 14 DAYS)

<b>DRY ADHESION</b>	<b>&gt; 0.15 MPa</b>
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#### COMPRESSION & TRANSVERS STRENGTH (AFTER 7 DAYS)

<b>COMPRESSIVE STRENGTH</b>	<b>&gt; 1.0 MPa</b>
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## **GUIDANCE FOR USE**

<b>SUBSTRATE</b>	<ul style="list-style-type: none"><li>• Concrete/Mortar walls (internal surface)</li><li>• Direct application on Bricks, Blocks, RCC &amp; Sand cement surface (Internal surface)</li></ul>
<b>SUBSTRATE PREPARATION</b>	<ul style="list-style-type: none"><li>• Clean loose particles, dirt, grease and traces of adhering material from the wall surface with the help of sandpaper, putty blade or by wire brush. Pre-wet the surface before application to achieve good workability and higher coverage.</li></ul>
<b>MIXING</b>	<ul style="list-style-type: none"><li>• Mix Gypsum Plaster (Silver) to water and not water to powder. Water to plaster ratio should be (1 part of water and 1.5 part of Gypsum Plaster (Silver) to be maintained to provide a good cohesive workable mix.)</li><li>• Mix Gypsum Plaster (Silver) to water with the help of hand to form a uniform lump free paste.</li></ul>
<b>APPLICATION</b>	<ul style="list-style-type: none"><li>• Install the wooden strip/dhada or install the levelling strip in the area where the paste needs to be applied.</li><li>• Apply the 1st coat approx. up to 10 mm to 12 mm of thickness, before the first coat sets rake and cross rake the surface.</li><li>• Fill in any hollow area, level off and compact the surface. Before levelling wait for 5-10 minutes for initial set, then apply the final finish coat.</li><li>• Level the surface by using aluminum level patty.</li><li>• After complete drying for usually 72 hrs. (Depending on the thickness and humidity), the plain smooth levelled surface is ready for painting application.</li></ul>
<b>COVERAGE</b>	<ul style="list-style-type: none"><li>• 20-25 Sq. Ft. / 25 kg bag at 10 mm thickness on plain surface (or depending on substrate conditions)</li></ul>
<b>USAGE PRECAUTIONS</b>	<ul style="list-style-type: none"><li>• Use the material instantly after mixing.</li><li>• Once the mix has begun to set, additional dry material should not be added, as performance properties of plaster will get altered, thus affecting workability, cohesiveness, adhesion, and strength.</li><li>• A single coat should not exceed more than 8 mm to 10 mm of thickness.</li><li>• The surface on which the material needs to be applied should be levelled and pre-wet properly.</li><li>• Gypsum Plaster (Silver) should not be applied on surface which is subjected continuous seepage or dampness.</li></ul>

## PACKAGING & STORAGE

- **Gypsum Plaster (Silver)** is available in 20/25 Kg bag and has a shelf life of 4 months if stored in cool and dry location.
- Keep Gypsum Plaster (Silver) bag away from water and dampen area.
- Avoid using partially used material; open bags with partially used material should be kept in a bag with its mouth closed.
- As temperature, humidity, water addition and other parameters vary from site to site; the above information should be treated as a general guideline.

## HEALTH & SAFETY INFORMATION

- **Gypsum Plaster (Silver)** bag contains only eco-friendly material. However, it is advisable to avoid direct eye and skin contact with this. In case of eye contact, kindly wash with clean water at least for 15 minutes and seek medical help and keep it out of children reach.

**Disclaimer:** Technical information is based on knowledge and experience of accurate results. These results refer to the long-term application of the product in practice. Recommendations and suggestions are listed for guidance only. Since site conditions during the applications are beyond the manufacturer's control, hence it is also the responsibility of the end-user to ensure that the content in their possession is the latest case.