

## Gypsum Plaster Silver Plus

Gypsum Plaster Silver Plus is light weight gypsum-based plaster suitable for application on most internal surfaces including brick, block and concrete. It consists of superior quality gypsum, formulated with special additives to enhance working and setting characteristics, also improves workability and coverage. When dry, it provides superior whiteness, smooth and matt finish and is suitable for all internal dry plastering applications.

### PRODUCT DESCRIPTION

**PRODUCT:** Gyp+ is gypsum-based plaster which consists of pure gypsum in the natural form formulated with special additives to control application and setting characteristics.

<b>COMPOSITION</b>	Gypsum, selected fillers, special additives
<b>COLOUR</b>	White
<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><li>• Compatible with all types of paint and decorative range</li><li>• Low consumption of paint</li></ul>
<b>USES</b>	<ul style="list-style-type: none"><li>• Smooth finish</li><li>• Cost-Effective</li><li>• Superior whiteness</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
WHITENESS	> 85 %
CONSISTENCY	60 – 70 %
FINENESS (200#)	< 3.0 %
SETTING TIME	15 - 20 minutes
DENSITY	1.0 -1.2 g/ml

### MECHANICAL PROPERTIES

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

DRY ADHESION	> 0.30 MPa
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#### COMPRESSION & TRANSVERS STRENGTH (AFTER 7 DAYS)

COMPRESSIVE STRENGTH	> 1.0 Mpa
TRANSVERS STRENGTH	> 0.5 MPa

### 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 Home Sure Gyp+ to water and not water to powder. Water to plaster ratio should be (1 part of water and 1.5 part of Home Sure Gyp+ to be maintained to provide a good cohesive workable mix.)</li> <li>Mix Home Sure Gyp+ 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 leveling wait for 5-10 minutes for initial set, then apply the final finish coat.</li> <li>Level the surface by using aluminum level patty. Apply the thin slurry of Gyp+ on the surface for finishing coat.</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>Home Sure Gyp+ should not be applied on surface which is subjected continuous seepage or dampness.</li> </ul>

## PACKAGING & STORAGE

- Gypsum Plaster Silver Plus is available in 25 Kg bag and has a shelf life of 6 months if stored in cool and dry location.
- Keep Gypsum Plaster Silver Plus 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.
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## HEALTH & SAFTY INFORMATION

- Gypsum Plaster Silver Plus bag contains only eco-friendly fillers and additives. However, it is advisable to avoid direct eye and skin contact with this. In case of eye contact, kindly wash with clean water
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**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.