

### **GYPEX PLATINUM**

It is a lightweight Gypsum based plaster. It is suitable for application on internal surface. It provides smooth, high quality and durable base for application of decorative finishes over internal walls and ceilings.

#### **PRODUCT DESCRIPTION**

**PRODUCT:** It is consisting of gypsum hemihydrate formulated with special additives to control working and setting characteristics. It includes a lightweight aggregate, to improve the plaster handling, workability & application.

<b>COMPOSITION</b>	Gypsum, selected lightweight fillers, polymers
<b>APPEARANCE</b>	White fine powder
<b>FEATURES</b>	<ul style="list-style-type: none"><li><input type="checkbox"/> Eliminates two-step process of Sand Cement Plaster and POP punning.</li><li><input type="checkbox"/> Smooth &amp; matt finish</li><li><input type="checkbox"/> No shrinkage cracks.</li><li><input type="checkbox"/> Good Fire resistance</li><li><input type="checkbox"/> Good thermal resistance</li><li><input type="checkbox"/> No water curing</li></ul>
<b>BENEFITS</b>	<ul style="list-style-type: none"><li><input type="checkbox"/> Economical</li><li><input type="checkbox"/> Excellent strength after drying.</li><li><input type="checkbox"/> Direct and easy application</li><li><input type="checkbox"/> Great bonding</li><li><input type="checkbox"/> Light weight</li></ul>

#### **STANDARD COMPLIANCE**

IS 2547 (Part I)- 1976 for chemical characteristics.

IS 2547 (Part II)- 1976 for Physical characteristics.

### **TECHNICAL ANALYSIS (INTERNAL & IS TEST METHOD)**

#### **TECHNICAL DATA**

<b>NATURE</b>	Powder form
<b>WATER DEMAND</b>	50 – 60%
<b>FINISH</b>	Matt finish
<b>DRY BULK DENSITY</b>	690 $\pm$ 10 kg /m <sup>3</sup>
<b>WET BULK DENSITY</b>	1.45 to 1.55 g/cm <sup>3</sup>
<b>SETTING TIME</b>	20 to 25 minutes
<b>SHELF LIFE</b>	4 Months
<b>APPROX. COVERAGE</b>	24 to 26 Sq. Ft/25kg bag @ 12mm thickness

#### **GUIDANCE FOR USE**

<b>SUBSTRATE</b>	<input type="checkbox"/> Brickwork <input type="checkbox"/> Block <input type="checkbox"/> Concrete surface
<b>SUBSTRATE PREPARATION</b>	<input type="checkbox"/> Ensure the surface is completely free from all dirt, loosely held plaster, powdery residue, oil grease or any other contamination. Any previous growth of fungus, algae or moss needs to be removed thoroughly by vigorous wire brushing and cleaning with water. <input type="checkbox"/> Plaster should not be applied on surface if any free water is visible. <input type="checkbox"/> Clean water should be applied 5-10 minutes before plaster application to control the suction. <input type="checkbox"/> The hole and crack on the surface should be repaired in advance.
<b>MINXING</b>	<input type="checkbox"/> Use the mixture within 15 minutes to get best result. <input type="checkbox"/> Only Clean water is needed for sample preparation. <input type="checkbox"/> Mixing should be conducted in a clean tray or bucket. <input type="checkbox"/> Water to plaster ratio (1 part of water: 1.5 part of plaster by weight) should be maintained to have good workable mix. <input type="checkbox"/> Prepare plaster mix as per requirement. <input type="checkbox"/> Once the mix has begun to set, water addition is not recommended

## **TECHNICAL DATA SHEET**

<b>APPLICATION</b>	<ul style="list-style-type: none"><li><input type="checkbox"/> Check the verticality of wall surface using plum bob &amp; remove undulation, if any.</li><li><input type="checkbox"/> Apply Gypex platinum to solid surface with firm pressure.</li><li><input type="checkbox"/> Check the thickness of the plaster. Average thickness range 6 to 15 mm in one coat</li><li><input type="checkbox"/> For thickness above this range, material need to be applied in two coats.</li><li><input type="checkbox"/> As the plaster stiffens, conduct further flattening.</li><li><input type="checkbox"/> Painting work should be started only after surface becomes completely dry. usually 72 hrs (depends upon thickness and weather conditions)</li></ul>
<b>USAGE</b>	<ul style="list-style-type: none"><li><input type="checkbox"/> Do not add more water than recommended.</li></ul>
<b>PRECAUTION</b>	<ul style="list-style-type: none"><li><input type="checkbox"/> Excessive mechanical mixing should be avoided.</li><li><input type="checkbox"/> Tools and water used in mixing must be clean.</li><li><input type="checkbox"/> Contamination from previous mixes should be clean.</li><li><input type="checkbox"/> To reduce the separation cracks, use of 145 GSM glass fibre mesh. (At the junction)</li><li><input type="checkbox"/> It is not suitable for use in continuously damp or humid conditions.</li><li><input type="checkbox"/> Gypex Platinum contains non-toxic material but still, it is important to wear a safety kit when mixing and handling.</li></ul>

### **STORAGE INSTRUCTIONS**

- Store in cool, dry, and well-ventilated place away from heat source or direct sunlight.
- Keep away from water and damp area.
- Avoid using partially used material; open bags with partially used material should be kept in a bag with its mouth tied tightly with string to prevent lump formation.
- As temperature, humidity, water addition and other parameters vary from site to site; the above information should be treated as general guidelines.

### **HEALTH & SAFETY INFORMATION**

- It contains only eco-friendly fillers and additives. 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.