

### Premium Fire Resistance Ready Mixed Plaster

It is Cement Based Expanded Perlite Bead Filled Polymer Reinforced, Specially Developed for Interior and Exterior Thermal Resistance Ready Mix Plaster. It is a mixture consisting of inorganic raw materials (99%) which is applied by mixing with clean water to provide, common insulation of heat and sound for your buildings.

### PRODUCT DESCRIPTION

**PRODUCT:** Premium Fire Resistance ready mix plaster when applied to external and internal walls of the building, it saves up to 40-50% of thermal energy. It ensures your building to be ventilated. It is made of A1 class inflammable material.

COMPOSITION	Grey Cement, selected fillers, polymers
COLOUR	Grey powder
TESTS	Tested according to IS-4031, EN-1015, & Internal test methods
FEATURES	<ul style="list-style-type: none"> <li>• A1 class Fireproof material.</li> <li>• High Thermal Insulation</li> <li>• Sound hold feature.</li> <li>• Excellent workability</li> <li>• Eco-friendly</li> </ul>
USES	<ul style="list-style-type: none"> <li>• Easy application</li> <li>• High Durability</li> <li>• Save Time</li> <li>• Cost-Effective</li> </ul>

### TECHNICAL ANALYSIS (CONFORMS TO IS-4031, EN-1015, & INTERNAL TEST METHOD)

#### TECHNICAL DATA

PARAMETERS	SPECIFICATIONS
CONSISTENCY	60 - 75 %
DRY DENSITY	0.55 - 0.65 g/ml
DRYING TIME	12 Hrs FOR INITIAL DRYING, 24 Hrs FOR FINAL DRYING
APPLICATION TEMPERATURES	(+5°C) - (+45°C)
POT LIFE	>120 min.

#### MECHANICAL PROPERTIES

##### PULL-OFF STRENGTH (AFTER 28 DAYS)

DRY ADHESION	> 0.3 MPa
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##### COMPRESSION & FLEXURAL STRENGTH (AFTER 28 DAYS)

COMPRESSIVE STRENGTH	1.5 - 5 MPa
FLEXURAL STRENGTH	> 0.5 MPa

##### WATER PROPERTIES

WATER ABSORPTION (AFTER 28 DAYS)	< 0.40 kg/m <sup>2</sup> min <sup>0.5</sup>
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#### GUIDANCE FOR USE

SUBSTRATE	<ul style="list-style-type: none"> <li>Concrete/Mortar walls (internal and external)</li> <li>AAC Block</li> <li>Bricks work</li> <li>Plaster Board</li> </ul>
SUBSTRATE PREPARATION	<ul style="list-style-type: none"> <li>Clean loose particles, dirt, grease and traces of foreign materials from the surface, if necessary, by using wire brush/sand paper or by chipping.</li> <li>For loose plaster areas or floors/wall which are not even, then remove the defective material.</li> </ul>

MIXING & APPLICATION	<ul style="list-style-type: none"> <li>Take approx.600-750 ml of clean water for 1 Kg of Thermal resistance plaster in a clean bucket. It is very important that add material into water and not vice versa.</li> <li>Stir continuously for 6-8 minutes by using a mechanical stirrer or by hand to obtain a homogeneous lump-free paste.</li> <li>The mixture prepared should be used within 2 hours.</li> <li>Apply the mixed material using trowels.</li> </ul>
COVERAGE	<ul style="list-style-type: none"> <li>2-2.2 Sq. Meter/ 20 kg bag at 10-12mm thickness on a plain surface (or Depending on substrate conditions)</li> </ul>
USAGE PRECAUTIONS	<ul style="list-style-type: none"> <li>Do not add more water than recommended.</li> <li>Maximum thickness should not be more than 10-12 mm.</li> <li>Thermal resistance plaster contains non-toxic material but still, it is important to wear a safety kit when mixing and handling.</li> </ul>

### PACKAGING & STORAGE

- Keep thermal resistance plaster 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 & SAFTY INFORMATION

- It contains only eco-friendly fillers and additives. However, it is alkaline and hence 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.