**PRODUCT DESCRIPTION**

GPM 200 (previously named GAAC) is a high yield, economic machine application Gypsum plaster, made up of specially designed mineral binders and mineral light weight aggregates for all types of wall and ceiling substrates. GPM 200 has optimal processing properties and does not require Rush Coat when it is applied to AAC blocks and other types of brick work.

**PRODUCT BENEFITS**

- Easy and fast application,
- Smooth, glass-like finish
- Excellent strength
- Shrinkage Compensated
- Greater layer thickness
- High acoustic performance & Self Curing
- Noncombustible, Compatible with all building materials
- Low Thermal Conductivity & Fire resistance

**PRODUCT USE**

- Concrete & AAC & Concrete Block
- Sand or Cement Renders
- Wall & Ceilings

**PRODUCT INFORMATION**

**APPLICABLE STANDARD**

BSEN 13279-1/EN 998-1 P IV, ASTM C28, ASTM C 587

**PRODUCT IDENTIFICATION**

<table>
<thead>
<tr>
<th>Consistency</th>
<th>Granular Powder</th>
</tr>
</thead>
<tbody>
<tr>
<td>Color</td>
<td>Off white</td>
</tr>
<tr>
<td>Packaging</td>
<td>35kg bags/silos</td>
</tr>
</tbody>
</table>

12 months from date of production if stored properly in undamaged and unopened, original sealed packaging, in dry conditions. Protect from direct sunlight.

**TECHNICAL DATA**

<table>
<thead>
<tr>
<th>Contents</th>
<th>Gypsum, Lime, Limestone Sand Selected (0.1 - 1.2 mm), Perlite, Additives, Performance Retarder</th>
</tr>
</thead>
<tbody>
<tr>
<td>Density</td>
<td>0.86 KG / L</td>
</tr>
<tr>
<td>Layer Thickness</td>
<td>8-40 mm</td>
</tr>
<tr>
<td>Mix Ratio</td>
<td>0.28 Ltrs/kg</td>
</tr>
<tr>
<td>Pot Life</td>
<td>2 hr.</td>
</tr>
</tbody>
</table>

**FINAL PERFORMANCE DATA**

<table>
<thead>
<tr>
<th>Compressive Strength</th>
<th>&gt; 6.0 N/mm² @ 28 Days</th>
</tr>
</thead>
<tbody>
<tr>
<td>Flexural Strength</td>
<td>2.0 N/mm² @ 28 Days</td>
</tr>
<tr>
<td>Bonding Substrate</td>
<td>0.4 N/mm² @ 28 Days</td>
</tr>
<tr>
<td>Thermal Conductivity</td>
<td>0.28 W / m² K</td>
</tr>
</tbody>
</table>

Notes: all the typical data under laboratories condition, on site condition may vary depend on the condition.
APPLICATION
INFORMATION

PREPARATIONS

Substrate:
- New concrete should be cured for at least 28 days prior to the application of GPM. If there are any holes or cracks on the surface, patch them up and allow sufficient drying time.
- Cover windows and door frames with Polythene sheets prior to the application of GPM 200.
- All substrates must be clean, dry and free of contaminants that may affect bonding.
- All adjacent areas that are not to be affected should be covered.
- All the Smooth concrete Surfaces must be apply Rush coat (RCS 801 /RCN 800) before plastering.

Temperature:
Ideal application temp between 10°C-35°C, if more than 35°C use cool water to avoid earlier shrinkage cracks.

MIXING

- Mix GPM 200 with clean water in a clean vessel using a hand mixer tool for 2 minutes to achieve consistency. For machine Applied plaster the water manually adjusted by flow meter.
- For a 35 KG, we recommend the addition of approximately 11 -12 of water for achieving a thinner consistency.
- The mixture should then be stirred regularly, in order to prevent sedimentation of the aggregates.
- Do not try to remix the product after losing its workability by adding more water.

APPLYING

- Prior to GPM 200 application, Soak the entire surfaces with clean potable water. The substrates should be moist surface dry at time of Plaster application.
- The application of GPM 200 has to be carried out single coat up to 8-40 mm with plastering machine Plasters should be applied in horizontal layers, with avoiding the formation of air bubbles.
- For leveling the freshly applied plaster, use an aluminum float (lath). Then cut the plaster after the initial setting to obtain an even surface.
- After further setting of the business, it should be treated with a sponge board using sprayed water and finally smoothed using a steel trowel.

CONSUMPTION

11.0 kg/m² or 85 m²/ton @ 13 mm

CURING

It’s not require curing.

SAFETY INFORMATION

Plaster Contains alkali, contact with skin or eyes should be avoided, for further instruction please see our Materials safety Data sheets.

FINISHING

- After the surface begins to set, it should be treated with a sponge board using very light water spray. It should then be smoothed using a steel trowel.
- In order to ensure better adhesion, it is vital that paint or other types of finishing/covers are applied early.
- If tiles are to be applied, avoid steel floating and keep the surface rough to allow better adhesive grip.
- Any kind of water based finishing system can be applied to a fully cured plaster.
- Clean tools with water directly after use.

INSTALLATION DETAILS

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LEGAL NOTICE

All instruction and data of this technical data sheets are general information only and are based on our experience and performed tests. Under all circumstances there have to be implemented the relevant standard and general knowledge of construction / engineering. In case of specific question or requirements please contact our Technical Services/Sales Team. Users must always refer to the most recent issue of the local Product Data Sheet for the product concerned, copies of which will be supplied on request.

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