PRODUCT DATA SHEET
GYPSUM SKIM COAT - GSC 250

GYPSUM PLASTER & DRY WALL SYSTEM

PRODUCT DESCRIPTION

GSC 250 is designed for hand application for plasterboard finishing and as finish coat for plasters and renders. It is internally used on both precast and fair-faced concrete walls and ceilings. It provides a smooth white surface and acts as a base for decoration and any other final finishings.

PRODUCT BENEFITS

- Quick and easy application,
- Smooth, glass-like finish
- Excellent strength
- Shrinkage Compensated
- Self Curing & Polymer Modified
- Noncombustible, Compatible with all building materials
- Low Thermal Conductivity & Fire resistance

PRODUCT USE

- Concrete & AAC & Concrete Block
- Sand or Cement Renders
- Wall & Ceilings
- Gypsum Board & Facades & Metal Profiles

PRODUCT INFORMATION

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

PRODUCT IDENTIFICATION

Consistency     Fine Powder
Color           Off white
Packaging       30 kg bags

Shelf Life / Storage
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, Fine Fillers, Selected Additives</th>
</tr>
</thead>
<tbody>
<tr>
<td>Density</td>
<td>0.86 KG / L</td>
</tr>
<tr>
<td>Layer Thickness</td>
<td>0-3 mm</td>
</tr>
<tr>
<td>Mix Ratio</td>
<td>0.32 Ltrs/kg</td>
</tr>
<tr>
<td>Pot Life</td>
<td>1 hr.</td>
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</tbody>
</table>

FINAL PERFORMANCE DATA

| Compressive Strength      | > 4.0 N/mm2 @ 28 Days                        |
| Flexural Strength         | 2.0 N/mm2 @ 28 Days                         |
| Bonding Substrate         | 0.4 N/mm2 @ 28 Days                         |
| Thermal Conductivity      | 0.28 W / m°K                                 |

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 GSC 250. 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 GSC 250.
- 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.

Temperature:
Ideal application temp between 10\(^\circ\)c-35\(^\circ\)c, if more than 35\(^\circ\)c use cool water to avoid earlier shrinkage cracks.

MIXING

- Mix GSC 250 to clean portable water in a clean vessel using a hand tool or drill. For 30 KG Bag, we recommend the addition of approximately 17.5 Liters of water. It is better to first pour the water then add the substance to the mixture. Steer product thoroughly for 2 minutes to achieve consistency-adjust in accordance to substrate absorption.
- The pot life is about 1 hours.

APPLYING

- Apply UPSC using a putty knife in a uniform thickness of about 0.5 to 3 mm.
- The second coat should be applied about 2 hours after the base- coat has been applied. The second coat should be applied in the opposite troweling direction, compared to the first coat. In the final setting phase, a thin coat of leveling is required to fill in any scratches.
- If a paint primer is to be used, minor undulations should be leveled using a sand paper of 180 - 200 grit. For wet areas, such as kitchens and bathrooms, it is recommended that the surface is primed in order to obtain optimum results.
- Fully cured GSC 250 is ready to receive all kinds of water-based finishing systems.

FINISHING

- In order to ensure better adhesion, it is vital that paint or other types of finishing/covers are applied early.
- Any kind of water based finishing system can then be applied to a fully cured plaster.
- Clean tools with water directly after use.

CONSUMPTION

2.5 kg/m2 or 320 m2/ton@ 3 mm

CURING

It’s not require curing.

INSTALLATION DETAILS

SAFETY INFORMATION

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