PRODUCT DATA SHEET

GYPSUM VENEER THIN COAT - GPV 220
GYPSUM PLASTERS & DRY WALL SYSTEM

PRODUCT DESCRIPTION

GPV 220 is a thin coat plaster. The application of GPV 220 allows the surface to be highly resistant to crack formation, abrasion and scuffing. A variety of decorative products may then be used in finishing the surface.

PRODUCT USE

- All types of wall and ceiling substrates
- All types of block work (concrete & AAC)
- Sand or Cement Renders
- AAC Panels

PRODUCT BENEFITS

- Strong adhesion
- No curing required
- Enhanced thermal insulation properties
- Shrinkage compensated
- Quick and easy application
- Non Combustible
- Smooth finish
- Waterproof
- Stable open time and setting characteristics

APPLICABLE STANDARD

EN 13279-1,EN 998-1,ASTM C 587,ASTM C 844.

TECHNICAL DATA

<table>
<thead>
<tr>
<th>Contents</th>
<th>Gypsum, Lime, Fine Fillers, Selected Additives</th>
</tr>
</thead>
<tbody>
<tr>
<td>Density</td>
<td>0.87 kg/L</td>
</tr>
<tr>
<td>Layer Thickness</td>
<td>4-12 mm</td>
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<tr>
<td>Mix Ratio</td>
<td>0.38 %</td>
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<tr>
<td>Pot Life</td>
<td>45 min.</td>
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</table>

FINAL PERFORMANCE DATA

Typical Value at 25ºC

| Compressive Strength      | Approx 6.0 N/mm² at 28 days                    |
| Flexural Strength         | Approx 4.0 N/mm² at 28 days                    |
| Bonding Substrate         | Approx 0.5 N/mm² at 28 days                    |
| Thermal Conductivity      | Approx 0.28 W / m² K                          |
APPLICATION INFORMATION

PREPARATIONS

Substrate:
- New concrete should be cured for at least 30 days prior to the application of GPV 220.
- 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 GPV 220.
- 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.

MIXING

- Mix GPV 220 with clean water in a clean vessel using a hand mixer tool for 2 minutes, in order to achieve consistency.
- For a 30 KG bag, we recommend the addition of 12-13LT of water depending on the consistency required.
- After water is added, the gypsum powder should be added.
- The mixture should 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

- GPV 220 can be applied in a single coat up to thicknesses of 4 mm to 12 mm. The product must be leveled and smoothed before drying.
- Apply plaster in horizontal layers and avoid the formation of any air pockets.
- It is common to use a single coating layer on gypsum surfaces, in order to achieve a hard surface at low cost. However, a second coat may be desired for a more durable and abrasion resistant surface.
- 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

Approx. 120 m2 @ 8 mm Thickness

CURING

No curing.

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.