Gypsol SureFlo

A complete bagged Gypsol based floor screed from CCF

When added to the requisite amount of water, Gypsol SureFlo produces a flowing screed that requires minimal dappling for a smooth and level surface. Designed with a combination of high quality Gypsol binder and specially selected aggregates.

Gypsol SureFlo can be used to prepare a wide variety of sub-floors to receive tile, carpet, resilient flooring, wood flooring, as well as many other surface finishes.
Key features
• Trafficable in 24 – 48 hours
• Thinner sections compared to traditional screeds, saving weight on the building
• Readily pumpable for larger installations, without separation
• Easily hand mixed using a mechanical stirrer for small batches
• Protein free – does not encourage bacterial growth
• Low shrinkage
• Larger floor area without control joints
• High strength - class C30-F5
• VOC free and non toxic
• Odourless and non-flammable
• Environmentally friendly
• Does not curl
• Crack resistant

Application
• Bonded construction for minimal depth in new and refurbished floors
• Un-bonded to exclude rising moisture by uncoupling from unsuitable bases
• Floating floors for thermal or acoustic insulation
• Under-floor heating pipe encapsulation

Mixing
• Product should be mechanically mixed using slow speed drill with mixing paddle (250 rpm) to avoid requirement for excessive water. Alternatively a pump with a forced action mixing system may be used
• Avoid whipping excessive air into mixes
• Add Gypsol SureFlo powder to water (approximately 3.75-4.25 litres per bag) and mix for 2-4 minutes to achieve a homogeneous, flowable, fluid mortar consistency
• Be consistent from batch to batch once optimum ratio for job has been determined

Placement
• Pour or pump Gypsol SureFlo in place and spread with screed float or squeegee
• No trowelling is required. Do not re-temper material which has begun to set
• Any material not used within 1 hour of mixing should be discarded
• Gypsol SureFlo does not require curing or covering
• Avoid product drying too quickly when working in hot, dry and/or windy conditions
• Do not apply if ambient temperature is above or likely to exceed 30°C during the first 3 hours after application. After this initial period, the product should be allowed to dry cure
• Gypsol SureFlo must be kept from freezing for 12 hours after installation. Do not apply at temperatures below 5°C or when temperatures will drop below 5°C within 8 hours of application

Storage and handling
• Store Gypsol SureFlo in unopened bags in a dry area off the floor
• Avoid skin and eye contact and avoid breathing dust
• Keep packages closed when not in use

Approximate coverage

<table>
<thead>
<tr>
<th>Area</th>
<th>Depth No. of 25kg bags required</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>30mm</td>
</tr>
<tr>
<td>5m²</td>
<td>12</td>
</tr>
<tr>
<td>10m²</td>
<td>23</td>
</tr>
<tr>
<td>15m²</td>
<td>35</td>
</tr>
<tr>
<td>20m²</td>
<td>46</td>
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</tbody>
</table>

Technical data

<table>
<thead>
<tr>
<th>Colour</th>
<th>Off white</th>
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</thead>
<tbody>
<tr>
<td>Typical strengths at 28 days:</td>
<td></td>
</tr>
<tr>
<td>Density Wet</td>
<td>2200kg/m³</td>
</tr>
<tr>
<td>Dry</td>
<td>2000kg/m³</td>
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<tr>
<td>Minimum Strength Bonded</td>
<td>25mm</td>
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<tr>
<td>Unbonded</td>
<td>30mm</td>
</tr>
<tr>
<td>Floating</td>
<td>40mm Drying shrinkage</td>
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<tr>
<td>Cover to heating conduits</td>
<td>25mm Light foot traffic</td>
</tr>
<tr>
<td>Reaction to fire Class A1s</td>
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</tr>
</tbody>
</table>

Drying (50mm depth)
At 20°C and 60% RH - 28 days stylised.
Drying times vary dependent on screed depth, ambient conditions and suitability of the building envelope.
[stylised] Independently tested and verified by Action Dry Ltd. Full report available on request.