

Gypsol

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

Approximate coverage

Area	Depth (No. of 25kg bags required)		
	30mm	35mm	40mm
5m ²	12	14	16
10m ²	23	27	31
15m ²	35	40	46
20m ²	46	54	61

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 in to 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

Technical data

Colour	Off white		Typical strengths at 28 days:	
Density	Wet	2200kg/m ³	Flexural	>5 N/mm ²
	Dry	2000kg/m ³	Compressive	>30 N/mm ²
Minimum Strength	Bonded	25mm	Flow	250 +/- 20mm
	Unbonded	30mm	Setting time	Initial >240 min
	Floating	40mm	Drying shrinkage	<0.02%
	Cover to heating conduits	25mm	Light foot traffic	Minimum 24 to 48 hours @ 20°C
			Reaction to fire	Class A1 _f

Drying (50mm depth)

At 20°C and 60% RH - 28 days^[1]. Active force drying - 13 days^[1]
 Drying times vary dependent on screed depth, ambient conditions and suitability of the building envelope.

^[1] Independently tested and verified by Action Dry Ltd. Full report available on request.

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