



GYPSOL

**A COMPLETE BAGGED
GYPSOL BASED FLOOR
SCREED FROM CCF**

SUREFLO DATASHEET

DESCRIPTION

When added to the requisite amount of water, **Gypsol** SureFlo produces a flowing screed that requires minimal dapping for a smooth and level surface to achieve or exceed SR2 of BS 8204:2 2003.

Designed with a combination of high quality **Gypsol** binder and specially selected 0-4mm 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 CA-C30-F5
- VOC free and non toxic
- Odourless and non-flammable
- Environmentally friendly
- Does not curl
- Crack resistant

APPROXIMATE COVERAGE

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

APPLICATIONS

- 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 **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 conditions has been determined.

PLACEMENT

- Pour or pump **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

PLACEMENT

- **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
- 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 **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

Density: Wet: 2200 kg/m³
Dry: 2000 kg/m³

Application Temperatures: +5°C min, +30°C max

Application thickness:

Minimum thickness: bonded 25 mm
Unbonded over a solid base 30 mm
Floating on insulation 40 mm
Cover over heating and conduit 25 mm

Drying time: 1 day/mm up to 40 mm
(20°C/60% RH) 2 day/mm over 40 mm

Typical strengths at 28 days:

Satisfies C30 requirements
Flexural >5 N/mm²
Compressive >30 N/mm²

Flow: 270 +/- 30 mm

Setting time: Initial >240 minutes
Final <660 minutes

Drying shrinkage: <0.02 %

Light foot traffic: Minimum
24 hours @ 20°C

Reaction to fire: Class A1

A Division of
FRANCIS FLOWER



t: 01928 574574
e: ff@francisflower.co.uk
w: www.gypsol.co.uk

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