



GYP SOL

**DESIGNED SPECIFICALLY
FOR USE IN MODULAR
CONSTRUCTION SYSTEMS**

MODULAR DATASHEET

DESCRIPTION

Gypsol Modular self compacting flowing screed is made to exacting standards by quality assured manufacturers to BS EN 13813:2002. It is a combination of high quality **Gypsol** binder, specially selected sands, water and special additives where required. It is designed specifically for use in Modular construction systems and screed is suitable for the encapsulation of an underfloor heating system, either electric or warm water. **Gypsol** Modular is suitable for use in both residential and commercial property, including apartments, schools, prison units, hospitals and single dwellings where light weight and durable modular floors are required. **Gypsol** Modular screed also improves the environmental and durability characteristics and gives a concrete feel to a light weight steel floor.

For project specific advice on design and for a Model Specification Template, contact our technical and specifications team on **01928 562900**

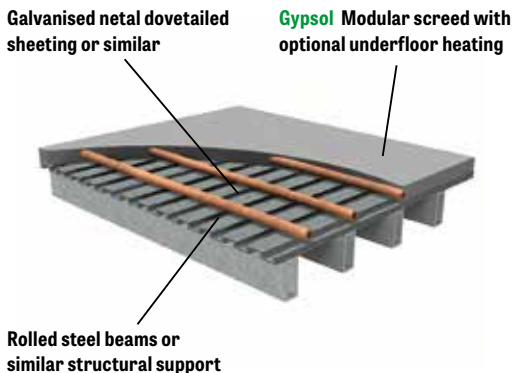
PHYSICAL DATA

Appearance		Off white fluid mortar
Density	Wet	2200kg/m ³
	Dry	2000kg/m ³
Typical Strength (28 days)		C35 F7
Minimum Required Strength		CA-C30-F6
Required Flow (EN 13454-2)		230mm to 270mm
Reaction to Fire		Class A1 _n non combustible

PERFORMANCE DATA

Working Time	: place and finish within 3 hours of batching
Foot Traffic	24 to 48 hours
Loading	5 to 7 days
Drying (20oC/60% RH)	1 mm per day for first 40mm 0.5mm per day there over
Force Drying	Can be force dried after 7 days

TYPICAL APPLICATION SCHEMATIC



ENVIRONMENTAL DATA

Recycled Content	Binder	98%
	Mortar up to	40%
Carbon Emissions	Binder	10 to 30kg/tonne
	Mortar	30 to 50kg/m ³
VOC		Virtually zero
Recyclability		100%

HEALTH AND SAFETY DATA

Gypsol Modular screeds are delivered to site ready-to-use via offsite mixing plants, removing the need for labour intensive site mixing and associated mixing equipment.

Gypsol Modular screeds are pumped directly to where they are needed, removing much of the manual handling operations required to install other screeds.

Gypsol Modular screeds are generally pumped using equipment with closed or gridded dispensing hoppers, removing risk of contact with moving machinery.

Gypsol Modular screeds are finished using a lightweight dappling bar requiring no secondary compaction, thus removing most of the physical work needed to lay other screeds. This significantly reduces the negative impact on the musculo-skeletal system of installing contractors. For material safety information please see the relevant health and safety data sheets.

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