



GYPSOL

**A SELF COMPACTING
FLOWING ANHYDRITE
SCREED MADE TO EXACTING
STANDARDS**

CLASSIC DATASHEET

DESCRIPTION

Gypsol 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 to offer a smooth flat and level surface for use in the vast majority of interior non wearing applications where a subsequent floor covering is to be used. **Gypsol** screed is perfectly suited to use in floating, bonded or unbonded construction and can easily incorporate electric or warm water underfloor heating systems.

This data sheet offers key technical information to help your selection of **Gypsol** as your screed of choice. For project specific advice on design and for an Model Specification Template contact our technical and specifications team.

PHYSICAL DATA

Appearance	Off white fluid mortar	
Density	Wet	2200kg/m ³
	Dry	2000kg/m ³
Typical Strength (28 days)	C30-F5	
Minimum Strength	C25-F4	
Required Flow (EN 13454-2)	230mm to 270mm	
Reaction to Fire	Class A1fl 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

APPLICATION DATA

Minimum Depth	Bonded	25mm
	Unbonded	30mm
	Floating	35mm Domestic 40mm Commercial
	Acoustic	80kg @ 40mm
	Cover to conduits	25mm

Gypsol screeds are suitable for use on most substrate types

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

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

Gypsol 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.