

Gypsol

High quality anhydrite floor screed for timber joisted structures



Gypsol TimBRE 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 acoustic and non acoustic flooring systems which use timber joists as their primary supporting structure.

Gypsol TimBRE screed is suitable for the encapsulation of an underfloor heating system, either electric or warm water. Gypsol TimBRE is suited to both residential and commercial properties, and will help to improve the acoustic performance of the floor to meet or exceed Part E of the building regulations. Gypsol TimBRE screed also improves the environmental, fire resistance and durability characteristics and gives a concrete feel to a timber supported floor.

Where Gypsol TimBRE screed is designed to be used in conjunction with a compressible, or an acoustic resilient insulation, an acoustician should be consulted to approve the design prior to installation where acoustic performance is required. For project specific advice on design and for a Model NBS Specification Template, contact our technical and specifications team on 0800 6226023



It is essential that the timber supporting structure is suitably engineered to accommodate the increased loading associated with the screed.

Health and safety data

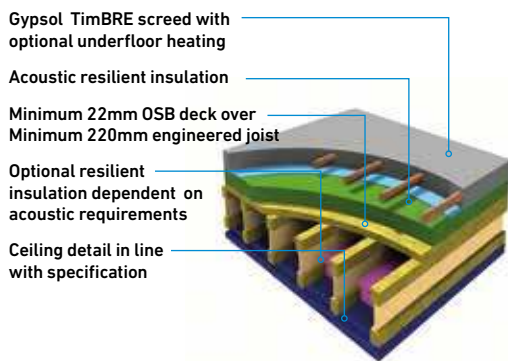
Gypsol TimBRE screeds are delivered to site ready to use via offsite mixing plants, removing the need for labour intensive site mixing and associated mixing equipment.

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

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

Gypsol TimBRE 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.

Typical application schematic



0800 6226023
www.gypsol.co.uk
www.lkabminerals.com

Physical data

Appearance	Off white fluid mortar	
Density	Wet	2200kg/m ³
	Dry	2000kg/m ³
Minimum Strength	(28 days) kN/m ²	C35-F6
Required Flow	(EN 13454-2)	230mm to 270mm
Reaction to Fire	Class A1 _{fl} 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 (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.		
Force drying	Can be force dried after 7 days	

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%	

