Product data

Gypsol TimBRE

Gypsol TimBRE is designed and independently tested for use in acoustic and non-acoustic flooring systems which use timber joists as their primary supporting structure.

About Gypsol TimBRE

Gypsol Binder is an integral component of Gypsol TimBRE, a screed suitable for use in both residential or commercial projects with a timber substructure. It can be used with or without underfloor heating and can be used to enhance the acoustic performance of the floor to meet or exceed Part E of the UK building regulations. Gypsol TimBRE screed is non-combustible and can offer a creak free, concrete feel to a timber supported floor. Gypsol TimBRE is approved for use in the SoundBar® system.

Physical data

Appearance	Off white fluid mortar
Density (kg/m³)	Wet – 2200 Dry - 2000
Required strength	C35-F6
Required flow (EN 13454-2)	230-270mm
Reaction to fire	Class A1$_{fl}$ Non-Combustible

Performance data

Working time	Place and finish within 3 hours of batching
Foot traffic	24-48 hours
Loading	7 days
Drying (50mm depth) [1]	At 20°C and 60% RH - 28 days
Force drying	Can be force dried after 7 days

Please refer to our post installation guidance document for further details

Bay sizes and joint requirements

Heated

Maximum length	20m
Maximum aspect ratio	6:1
Maximum bay size	300m²

Movement joints should be placed at door thresholds, between independently controlled heating zones and where heated and unheated screeds meet.

Unheated

Maximum length	40m
Maximum aspect ratio	8:1
Maximum bay size	1000m²

Environmental data

Typical embodied CO^2	2.5-7kg/m²
Thermal Conductivity	Up to 2.3w/mK

LKAB Minerals Ltd are not screed manufacturers. The chemical and physical data are expected average figures and are given in good faith but without guarantee. The only warranty LKAB Minerals makes is the express written warranty extended on the sale of its products. For manufacturer specific data please contact your Gypsol screed supplier. Gypsol screeds should be installed in accordance with BS 8204-7:2003 by suitably trained and experienced installers. Gypsol TimBRE Data Sheet, 08-03 EN, 26-11