Product data

Gypsol Classic

Gypsol Classic is a general purpose, multi-functional screed providing a solution for almost any application.

About Gypsol Classic

Gypsol Binder is an integral component of Gypsol Classic, a general-purpose screed designed to offer a smooth, flat and level surface in any interior non-wearing application where a subsequent floor covering is to be used. Gypsol Classic is perfectly suited for use in floating, bonded or unbonded construction and can easily incorporate electric or warm water underfloor heating systems.

Physical data

Appearance	Off white fluid mortar
Density (kg/m^3)	Wet - 2200 Dry - 2000
Required strength	C25 - F4
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

[1] *Independently tested and verified. Drying times vary, depending on screed depth, ambient conditions and suitability of the building envelope.*

Minimum depth requirements

Bonded	25mm [2]
Unbonded	30mm
Floating	35mm domestic 40mm commercial
Acoustic	80kg/m^2 @ 40mm
Cover to conduits	25mm

[2] *Prepare the substrate in accordance with BS8204:7:2003 using a gritted two coat epoxy resin DPM or similar.*

Bay sizes and joint requirements

Heated

Maximum length	20m
Maximum aspect ratio	6:1
Maximum bay size	300m^2

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	1000m^2

Environmental data

Typical embodied CO_2	6.5-7.5kg/m^2
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 Classic Data Sheet, 08-03 EN, 26-11