

Gypsol Summit

Gypsol Summit is designed specifically for use in high rise applications where the screed needs to be pumped to ten storeys and above without the danger of segregation.

About Gypsol Summit

Gypsol Summit is suitable for most construction types including steel frame, concrete frame, lightweight steel and traditional masonry construction. It is suitable for residential and commercial properties, and where required can be used to improve the acoustic performance of the floor to meet or exceed Part E of building regulations.

Physical data

Appearance	Off white fluid mortar
Density (kg/m ³)	Wet - 2200 Dry - 2000
Required strength	C25- F4 Minimum binder content 800kg/m ³
Minimum strength (28 days)	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	5-7 days
Drying (50mm depth) ^[1]	At 20°C and 60% RH - 28 days Active force drying - 13 days

Force drying	Can be force dried after 7 days
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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 upon request.

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 Summit Data Sheet, 08-01 EN, 22-03

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 bay length	40m
Maximum aspect ratio	8:1
Maximum bay size	1000m ²

Environmental data

Typical embodied CO ²	35kg/m ³
Recyclability	100%
VOC	Virtually zero