Product data

Gypsol XS ZL

Gypsol XS ZL is an enhanced strength screed, suitable for areas where higher than usual loadings are experienced.

About Gypsol XS ZL

Gypsol Binder is an integral component of Gypsol XS ZL, an enhanced strength flowing screed. It is suitable for use in both residential and commercial properties, including car showrooms, domestic garages, gymnasia, hospital operating theatres and other applications where higher loadings and more durable screeded floors are required. Gypsol XS ZL can be used with or without embedded underfloor heating.

Physical data

Appearance	Off white fluid mortar
Density (kg/m^3)	Wet – 2200 Dry - 2000
Minimum strength	C35-F6
Required flow (EN 13454-2)	250mm +/- 10mm
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 Active force drying - 13 days
Force drying	Can be force dried after 7 days

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

Minimum depth requirements

Bonded	25mm[2]
Unbonded	30mm
Floating	35mm domestic 40mm commercial
Cover to conduits	20mm

[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	7-8.5 kg/m^2
Thermal Conductivity	Up to 2.3w/mK
Protein Free	Will not harbour growth of bacteria

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 XS ZL Data Sheet, 08-03 EN, 26-11