Product data

Gypsol TS-15 ZL

Gypsol TS-15 ZL can be placed at a depth of just 15mm in either bonded or unbonded constructions.

About Gypsol TS-15

Gypsol Binder is an integral component of Gypsol TS-15 ZL, a specially formulated screed, designed to offer a strong and durable ultra-thin topping to a solid substrate. Gypsol TS-15 ZL can be laid either bonded or unbonded over a polythene membrane to provide a highly versatile design solution. Gypsol TS-15 ZL can be used in many applications including as a cost alternative to bagged screeds to renovate existing rough construction floors, to level off pre-cast concrete planks and where thicker screeds would lead to design problems with floor to ceiling heights. Gypsol TS-15 ZL can in some circumstances be used in conjunction with low profile underfloor heating systems subject to suitability.

Performance data

Working time	Place and finish within 2 hours of batching Finish within 1 hour of placing
Foot traffic	24-48 hours
Loading	7 days
Drying (@20°C/60% RH)	In excess of 1mm /day
Minimum depth [1] [2]	15mm

[1] Gypsol TS-15 ZL has been independently tested for its suitability to be laid unbonded at 15mm
[2] Prepare the substrate in accordance with BS8204:7:2003 using a gritted two coat epoxy resin DPM or similar.
Gypsol TS-15 ZL can be force dried after 7 days

Physical data

Appearance	Off white fluid mortar
Density (kg/m^3)	Wet – 2200 Dry - 2000
Minimum strength	C35-F6
Required flow ZL (EN 13454-2)	250mm +/- 10mm
Reaction to fire	Class A1$_{fl}$ Non-Combustible

Bay sizes and joint requirements

Unheated

Maximum length	20m
Maximum aspect ratio	6:1
Maximum bay size	500m^2

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

Environmental data

Typical embodied CO_2	2-3kg/m^2
Thermal Conductivity	Up to 2.5w/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 TS-15 ZL Data Sheet, 08-02 EN, 26-11