Product data

Gypsol Rapide ZL

Gypsol Rapide ZL is a unique fast drying screed, providing a drying time of just 14 days.

About Gypsol Rapide ZL

Gypsol Binder is an integral component of Gypsol Rapide ZL, a unique fast drying screed system which is ready to receive floor coverings in as little as 14 days. Gypsol Rapide ZL can be used as a fast-drying alternative to all other Gypsol screed formats. Gypsol Rapide ZL has all the benefits of our latest ZL technology.

Physical data

Appearance	Off white fluid mortar
Density (kg/m³)	Wet – 2200 Dry - 2000
Required strength	C35-F6 Minimum binder content 900kg/m³
Required flow (EN 13454-2)	250mm +/- 10mm
Reaction to fire	Class $A1_{fl}$ Non-Combustible

Performance data

Working time	Place and finish within 2.5 hours of batching[2]
Foot traffic	24-48 hours
Loading	7 days
Drying (20°C and 60% RH 50mm)	14 days[3]
Force drying	Can be force dried after 7 days

[2] *Ensure account is taken of travel time from plant to site.*

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

Minimum depth requirements

Bonded	15mm [4]
Unbonded	15mm
Floating	35mm domestic 40mm commercial
Cover to conduits	15mm

[4] *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	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	7-8.5kg/m²
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 Rapide Data Sheet, 08-02 EN, 26-11

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