

Gypsol Screed

Gypsol binders from LKAB Minerals are used as a main ingredient in self-compacting, flowing floor screeds. Using a by-product from the acid production industry, our binders offer an alternative option to cement-based screeds.

Gypsol floor screed binder is made from fluoroanhydrite, a by-product of the acid production industry and processed in the UK. Our high performance anyhydrite binder is used to produce a range of pumpable and self-smoothing floor screeds.

Ease of Installation

The dimensional stability of Gypsol, whether heated or unheated, significantly reduces the risk of cracking without the need for reinforcement. Gypsol screeds can be placed in much larger bay sizes when compared to cement-based materials.

Fast Drying Times

Gypsol screeds offer unrivalled drying times of just 14 days for Rapide and 28 days for standard screed formats. Additionally, Gypsol screeds can be force dried after 7 days post installation.

Technical Support

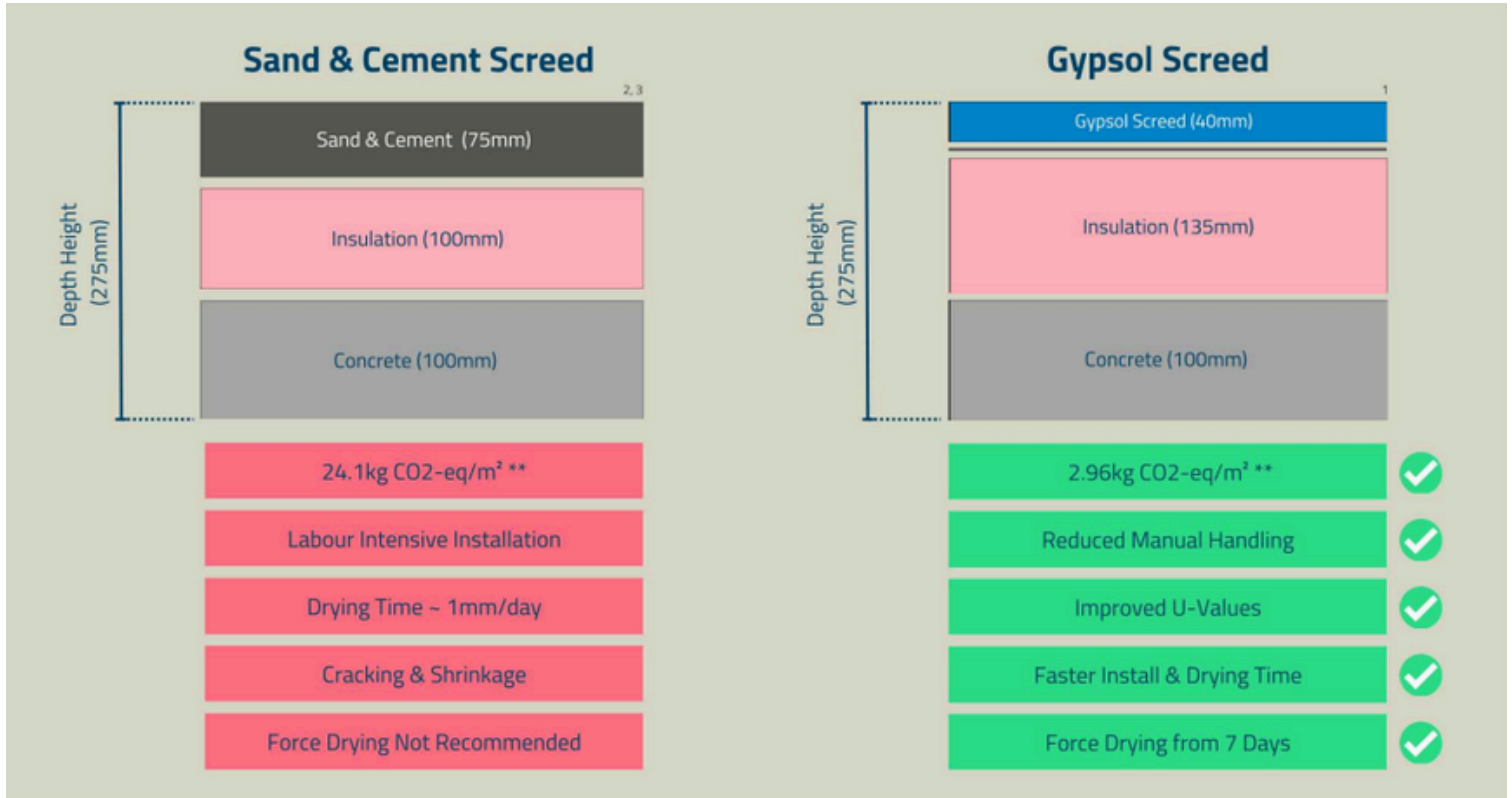
Unrivalled in-house technical expertise and a dedicated laboratory ensures that LKAB Minerals can provide ongoing assistance and on-site technical support at all stages of your project. At LKAB Minerals, we encourage discussions between designers, engineers, ready-mix suppliers and the Gypsol team.

Product Range

Gypsol Classic	Our general-purpose screeding system. The most commonly used material in this range.
Gypsol Rapide	A self-compacting, self-soothing, fast-drying floor screed using Gypsol Complete binder.
Gypsol HTC (High Thermal Conductivity)	A screed made for use with underfloor heating and cooling systems.
Gypsol TS-15	An ultra-thin screed for bonded and unbonded applications at a minimum depth of 15mm.
Gypsol TS-20	A thin screed suitable for bonded and un-bonded applications down to a 20mm minimum depth.
Gypsol TimBRE	Specifically formulated and tested for use in timber frame and over timber-supported floors, using acoustic conditions.
Gypsol XS	Extra strength material for use in heavy-duty applications, where loading is likely to be higher than normal.
Gypsol Summit	Especially fit for screeds pumped over very long distances or high buildings of 10 stories and above.
Gypsol Modular	Designed for use in modular construction to allow early movement of units, also for a lightweight steel frame and Lewis decking.

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Sustainability Credentials



Data from our product Environmental Product Declaration published in December 2022, Gypsol Complete binders offers 108kg of CO₂ per tonne measured from the start of manufacturing to leaving our site in Runcorn. Based on the average amount of binder used in screed, this works out at 2.96kg of CO₂

Changing regulations to newbuilds

The Future Homes Standard 2025 states new builds must reduce carbon emissions by 75% compared to homes built under current regulations. As a result, new homes will use alternative heating sources from gas boilers and underfloor heating usage is predicted to soar.

Gypsol's high performance and versatility allows potential savings to be achieved through design and operational efficiency. We offer a specially formulated screed design that is the ideal partner for underfloor heating and cooling systems. Suitable for both warm water and electric underfloor heating, its high thermal conductivity results in great efficiency.