

RTU®



*ultra***flo**®

hemihydrate liquid screed

...create a perfect *floor faster!*



pump application



less labour intensive



superior finish

ultraflo®

more than floor screed!

ultraflo hemihydrate liquid floor screed is an innovative product by RTU which redefines screed technology. **ultraflo** is Ireland's only ready mixed hemihydrate liquid screed. **ultraflo** is produced in our state of the art manufacturing facilities, ensuring a perfect screed every time.

why choose hemihydrate liquid floor screed

ultraflo is a hemihydrate calcium sulphate liquid floor screed. Its unique properties make it an ideal solution for domestic, commercial and public projects.

ultraflo is superior to other liquid screeds due to its hemihydrate formulation. A key benefit of a hemihydrate screed is that it does not suffer from surface laitance (a scum/dust of material adhering to the top of the screed during the curing process). This unique advantage means **ultraflo** hemihydrate requires no buffing/grinding to the floor surface prior to application of floor finishes.

advantages over sand:cement screed

ultraflo is subject to minimal drying shrinkage as it is not a cement based product. You can expect a virtually crack-free floor with considerably fewer movement joints.

ultraflo allows light traffic within 24 hours. In addition it can be force-dried to facilitate early installation of floor coverings.

ultraflo has high flexural and compressive strength allowing installation at greatly reduced depths. The liquid nature of the screed provides a superior surface finish over traditional sand:cement screed.

ultraflo has impeccable eco-friendly credentials, being formulated from a by-product of flue gas desulphurisation.



SAND:CEMENT SCREED

ultraflo®

fantastic performance with underfloor heating

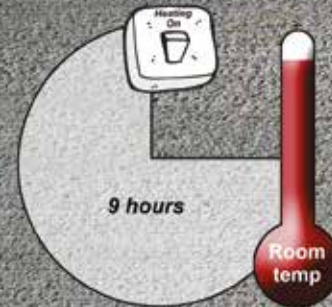
ultraflo. brings fantastic performance to underfloor heating systems, enabling heat to be transmitted to the room approximately 6 times faster than with sand:cement screed.

The high performance is due to the fact that the heating pipes are fully encapsulated with **ultraflo.** to a depth of only 50mm. This is in contrast to the much deeper 100mm of non-compacted sand:cement screed.

ultraflo. greatly enhances control of room temperature with underfloor heating, providing rapid response time and overcoming heat-lag commonly experienced with sand:cement screed. Enhanced thermal control increases comfort within the building and reduces energy costs.

energy efficiency

ultraflo. enhances screed quality due to its higher compressive and flexural strength, allowing the screed to be laid at reduced depth (typically 50mm). This in turn benefits thermal performance allowing for more insulation.





*ultra***flo**.®

An affordable alternative to traditional sand:cement screeds, *ultra**flo***.® creates a superior level finish and greatly increases the efficiency of underfloor heating. Perfect for both residential housing and commercial developments.

www.rtu.co.uk

Visit our website to view a short *ultra**flo***.® installation video.

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