

To maximise the optimum performance of your Ultracem[®] floor screed, please follow the guidelines set out below.

FIRST 24 HOURS

Immediately after application you should keep all windows and doors closed to protect the surface of your new floor from frost, direct sunlight, wind, rain and water ingress. In extreme cold weather, please ensure the air temperature above the freshly poured Ultracem[®] is kept above 2°C.

AFTER 24 HOURS

After 24 hours, windows and doors can be opened to allow a flow of air through the building to aid the drying process. (Failure to do this will prevent the floor from drying effectively). Under ideal drying conditions, as per the British Standard (temperature of 20°C and 65% relative humidity), Ultracem[®] will dry at a rate of 1mm per day for the first 40mm of depth and 1/2mm per day thereafter. Where the air humidity is higher or the ambient temperature lower, drying periods will be prolonged. Storage of materials on the screed surface or accidental spillages of water will both delay drying.

COMMISSIONING OF UNDERFLOOR HEATING

The underfloor heating can be commissioned 10 days after the Ultracem[®] screed has been installed. The water temperature flowing around the pipes should commence at an ambient temperature and gradually be increased in 5°C increments at a minimum of 2 day intervals. The UFH water circuit temperature should not exceed 45°C. It is essential that there is good air flow, and that high humidity levels are avoided. Windows and doors should be opened to allow moisture from the screed to evaporate.

MOISTURE TESTING

The moisture level in the screed should be determined prior to application of floor coverings. For moisture sensitive flooring such as wood or vinyl the required level is generally less than 75% RH. Non moisture sensitive floor coverings such as tiles or carpets can generally be applied before the screed is dry, however advice should be sought from the manufacturer of the floor covering.

APPLICATION OF FLOOR FINISHES

Ultracem[®] is compatible with cement based tile adhesives and levelling compounds. Follow the manufacturer's guidelines for application to a Portland cement based screed.



For more information,
contact our Technical
Department on
(028) 9085 1441.