

Floorscreed Aftercare - Ultraflo

Please follow the guidelines set out below to ensure a superior finish for your *ultraflo*® floor screed.

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 *ultraflo*® is kept above 2°C.

AFTER 24 HOURS

After 24 hours, it is essential to open the windows and doors during the day 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 standardised drying conditions, as per the British Standard (temperature of 20°C and 65% relative humidity) *ultraflo*® will dry at a rate of 1mm per day for the first 40mm of depth and 1/2mm per day thereafter. In poor drying conditions or where there is not a sufficient flow of fresh air circulating through the building, drying times will increase.

FORCE DRYING *ultraflo*® USING UNDER FLOOR HEATING

ultraflo® can be force dried after 7 days from installation by turning on the under floor heating circuits to a temperature of 20°C, and gradually increasing it by 5°C increments per day, until it reaches its normal working temperature. It is essential that all windows are opened to generate enough ventilation for moisture released from the screed to escape, keeping the interior of the building free from a build up of condensation.

APPLICATION OF FLOOR FINISHES

In keeping with all screeds *ultraflo*® must be dry prior to application of floor finishes. For permeable floor coverings such as carpets the moisture must be less than 1.0%, and for impermeable floor coverings such as tiles, wood and vinyl's the moisture content must be less than 0.5%. When applying cement based tile adhesives or levelling compounds to the floor, the floor must be primed with an acrylic or epoxy based primer. This primer is required to create a barrier between the calcium sulphate in the screed and the Portland cement in the tile adhesive.

Below is a list of major tile adhesive manufactures and their recommended acrylic primer for calcium sulphate screeds.

MANUFACTURE	ACRYLIC PRIMER	MANUFACTURE	ACRYLIC PRIMER
Bal	Apd	Uzin	Pe360
Dunlop	Universal Bonding Agent	Bostik	P11
Ardex	P51	Evostick	Primer 918
Larsen	Acrylic Primer	Botament	Botact D11
Mapei	Primer G	Panabond	Acrylic Primer

We recommend applying 2 coats, 1st coat dilute 1:1 with clean water, and then the 2nd coat concentrated.

MOISTURE TESTING

Prior to priming the floor, the floor moisture should be checked. The British standard approved test methods are Hair Hygrometer or Carbide Bomb. For impermeable floor -covering *ultraflo*® should be less the 75% RH (Hair Hygrometer) or less then 0.5% moisture (Carbide bomb)

NOTE

- Electronic meters are not suitable for accurate determination of the moisture content of calcium sulphate based floors, however they can be used to determine the wettest areas of the floor.
- Where underfloor heating is installed, this must be commissioned and run prior to application of impermeable floor coverings .