

Floor Tiling - Concrete

The main consideration for laying floor tiles is the fact that once in use, they are not just decorative and hygienic but also functional. They will have to perform under daily trafficking, whether this is foot traffic in a domestic installation or heavy wear and tear in a commercial application.

It is therefore critical that full attention to correct preparation and application is paid.

With wall tiling there is not always a need for a full bed bond, but with floor tiles it is essential. The strength build-up of the adhesive is far more important too as the tiles need to be walked upon to grout, and in most cases, the floor needs to get back into service. To enable this we advise the use of powder products rather than ready mixed adhesives.

To ensure full bonding, the substrate should be as even and level as possible. In most cases, rough floors or floors with height variations can be prepared using UltraTileFix ProLevel One, UltraTileFix ProLevel Two and UltraTileFix ProLevel Fibre.

All offer extremely good flow, and a floor level classified as SR2 can easily be achieved (no greater than a 5mm deflection under a 3m straight edge).

With skill an SR1 floor can be achieved (3mm deflection under a 3m straight edge). For more information on these products please contact the UltraTileFix Technical Department.

Instructions:

Concrete varies significantly in its finish, from tamped to power-floated. In all cases, the concrete must be fully cured and have been left to dry. For power-floated concrete it may be necessary to remove surface

additives and hardeners by mechanical abrasion. Power-floated concrete should be considered a non-porous surface. Fully dry concrete surfaces can be improved with the application of an UltraTileFix levelling compound. Before commencing the tiling process the substrate should be confirmed dry. If in doubt, a moisture reading should be taken to confirm.

Priming:

Tamped concrete – apply 1 coat of UltraTileFix ProPrimer (diluted 3 parts water to 1 part primer). Power-floated concrete – apply 1 neat coat of UltraTileFix ProPrimer. Allow the primer coat to dry before continuing.