

Floor Tiling - Sand/cement screed

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.

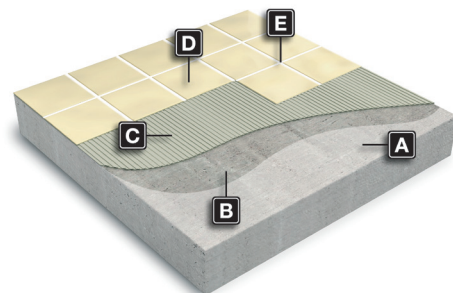
With wall tiling there is not always a need for a full bed bond, but with floor tiles it is essential. The strength build-up of the adhesive is far more important too as the tiles need to be walked upon to grout, and in most cases, the floor needs to get back into service. To enable this we advise the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

- A – Sand/cement screed or concrete floor
- B – Prime: if the screed is rough or uneven prepare it using an application of an UltraTileFix levelling compound following by another primer coat
- C – Apply adhesive (selected upon tile type)
- D – Install tiles
- E – Grout all joints



Instructions:

The screed must have cured and dried under good ambient conditions. Any cracks should be repaired with a rapid repair mortar. Any weak or friable screed should be removed and repaired. Movement joints should not be covered with tiles as they are designed to allow for subfloor movement. Follow joints through to the tile surface and use an appropriate expansion material or cover strip. Fully dry rough or uneven screeds can be improved with an application of an UltraFloor levelling compound. Before commencing the tiling process the substrate should be confirmed dry. If in doubt, a moisture reading should be taken to confirm.