



Technical Data Sheet

Cemfloor Fastrack is a specially formulated fast drying liquid cementitious floor screed. Cemfloor Fastrack can be applied to a wide range of floors. Designed for projects with tight deadlines; Cemfloor Fastrack allows floor coverings to be applied in as little as 7 days after installation. Cemfloor Fastrack also has all the benefits associated with Cemfloor screed products.

- Fast Drying - Floor coverings can be installed 7 days after installation.
- UFH can be commissioned after only 3 days.
- Very Short UFH commissioning cycle.
- Increased early age strength
- Thinner sections compared to traditional screeds.
- Can be applied in wet areas.
- Minimal drying shrinkage.
- Self compacting – no voids around under floor heating pipes
- No risk of contamination at concrete mixing plants.
- No Surface Laitance (Dust) after curing.
- Easy Installation (Reduces time & costs)

Substrate

Cemfloor Fastrack Screed is designed for use as a bonded thick levelling screed on concrete, as a floating screed over thermal or acoustic insulation with a minimum compressive strength of 100kPa, or as an unbonded screed on top of a plastic membrane.

Mix Design

Trials should always be carried out to optimize the mix design before work commences. The sand used should be of an approved quality and grading. The screed is a blend of Cemfloor Binder, cement, sand, Fastrack admixture & water. The mix proportions depend on the sand available.

Application

Cemfloor screeds should be used in accordance with BS 8204-7:2003 'Code of Practice for Pumpable Self-Smoothing Screeds'. To ensure a high quality screed it is recommended that application is carried out by a specialist screeding contractor who has been approved to place Cemfloor.

When cemfloor screed is installed as per installation guidelines in a sealed/weather tight area; it will not require any curing agent sprayed onto its surface. If the screed will be exposed to any wind/drafts or excessive sunlight then a suitable evaporation control spray (e.g. Cemfloor EC) may need to be sprayed onto the screed surface. Please contact our Technical Team for any further information.

Floor Coverings

Cemfloor Fastrack screed is compatible with all floor coverings, and all cementitious adhesives including fast track systems. The screeds moisture content should be measured before placing floor coverings to ensure that it is adequately dried. Cemfloor screed will not require any sanding to remove laitance. As part of the floor finish installation, it is recommended that the surface of the screed be lightly prepared to clean and remove any building residue/contamination to ensure that there is a good key to receive subsequent floor coverings.

Commissioning of UFH

UFH commissioning can begin 3 days after the screed installation. The underfloor heating should be commissioned as follows:

1. 3 days after screed installation start UFH with a flow temperature of 25 °C
2. 4 days after screed installation increase the flow temperature to 35 °C
3. 5 days after screed installation increase the flow temperature to 45 °C
4. 6 days after screed installation maintain the flow temperature at 45 °C
5. 7 days after screed installation reduce the flow temperature to 35 °C
6. 8 days after screed installation reduce the flow temperature to 25 °C
7. 9 days after screed installation; turn off UFH and allow screed to cool down.
8. 10 days after screed installation; the screed will be ready for the instalation of floor coverings.

Screed Specification	EN 13813:2002
Compressive Strength	C30
Flexural Strength	F6
Minimum Thickness*	Bonded: 20mm Unbonded: Domestic 30mm Commercial 40mm Floating: Domestic: 35mm Commercial: 40mm Over underfloor heating pipes: 20mm
Shrinkage (28 Days)	<0.05%
Flow Rate	230–260mm
Fresh Density	2100–2200 kg/m ³
Surface Flatness	Min SR2
ISCR Test	Category A
Open to Light Foot Traffic	24-48 Hours
Maximum Bay Sizes	Non-Heated Floors =150m ² Heated Floors =100m ²

* For applications where the floor may be subjected to high loads then a thicker screed depth will be required. Please contact our technical team for assistance regarding specific projects.

