



CEMENT BASED
**Liquid Screed
Solution**



Cemfloor is a BBA Approved, high-performance cement based, free flowing, self-compacting liquid screed and is suitable for a variety of applications.



During its 20 years of existence Cemexa Technologies has placed itself as a key player on the European market and one of the main active leaders of cement screed development.

C20/F4

Domestic use
and underfloor
heating

C25/F5

Commercial use
and underfloor
heating

C30/F6

Special uses
and underfloor
heating



Cemfloor Therm



Engineered for **underfloor heating systems**, Cemfloor Therm delivers excellent thermal conductivity and full pipe encapsulation. Designed to maximise heating efficiency and improve response times.

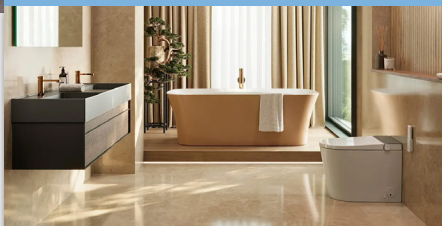
Key Benefits:

- Superior thermal performance
- Full heating pipe encapsulation
- Reduced installation depth
- Enhanced energy efficiency





Cemfloor NH



A liquid screed developed specifically for non-heated floor constructions. Provides reduced shrinkage, excellent surface regularity and dependable strength for residential and commercial applications.

Key Benefits:

- Designed for non-heated floors
- Reduced shrinkage formulation
- Compatible with standard finishes
- Consistent, reliable performance



Cemfloor Level Plus



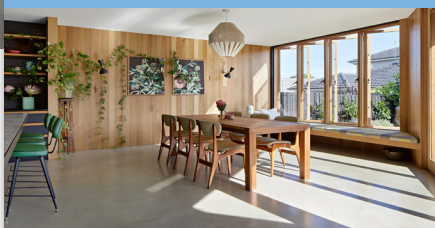
An ultra-thin, high-strength levelling screed for projects with restricted build-up heights. Delivers exceptional performance at reduced depths while maintaining a smooth, self-levelling finish.

Key Benefits:

- Minimal installation depth
- High strength at thin sections
- Ideal for refurbishment projects
- Efficient alternative to bagged compounds



Cemfloor Fastrack



A **fast-drying liquid screed developed to accelerate construction programmes.** Enables earlier underfloor heating commissioning and faster installation of floor finishes while maintaining strength and surface regularity.

Key Benefits:

- Reduced drying times
- Earlier floor covering installation
- Excellent surface regularity
- Ideal for time-sensitive projects
- 7 day drying time
- Lay floor finishes after 7 days



Cemfloor Complete



A **ready-to-use cementitious liquid screed system designed for predictable performance and simplified installation.** Supplied in controlled bagged formats, it delivers the benefits of flowing screed technology with reduced on-site variability. Ideal for projects requiring consistency, reliability and ease of batching.

Key Benefits:

- Ready-to-use, controlled formulation
- Excellent surface regularity
- Minimal shrinkage performance
- Compatible with a wide range of floor finishes
- Reduced on-site variability





Cemfloor Durafibre



A **fibre-reinforced liquid screed engineered for enhanced durability and impact resistance.** Glass microfibre technology improves tensile strength and long-term resilience in demanding environments. Designed for high-traffic applications requiring added robustness.

Key Benefits:

- Increased tensile strength
- Improved impact resistance
- Long-term durability in high-use areas
- Fast, self-compacting installation



FSC



FSC is our range of **self-Levelling smoothing** - Compounds designed for Bulk insulation. Greatly reducing manually handling, storage and waste on site while minimising air borne dust. Therefore, leading to enhanced productivity. Allowing contractors to keep within their project deadlines. The perfect solution for any commercial or industrial projects.

Key Benefits:

- Mixed on site though mobile truck.
- No dust as all self-contained in mobile unit.
- No storage of material on site.
- Installed up from 3mm minimum.



Cemfloor HPC



A high-performance liquid concrete solution designed for structural and heavy-load applications. Combines fluid placement with enhanced strength development for uniform compaction without vibration.

Key Benefits:

- High compressive strength
- Reduced labour requirements
- Excellent structural integrity
- Suitable for commercial and industrial builds



Key Benefits



Foot traffic after 24 / 48 hours.



Larger floor area without joints up to 150m² unheated, up to 100m² with under floor heating.



Exceptional thermal conductivity.



Thinner sections compared to traditional screeds. Only 25mm of screed required above underfloor heating pipes.



Minimal drying shrinkage (<0.05%).



Can be applied in wet areas.



More thermal insulation can be used within the same floor (thickness), compared to traditional sand cement screed which leads to a better energy rating for your building.



Self-compacting – no voids around under floor heating pipes.



Reduced drying times compared to other screeds. Moisture sensitive floor coverings can be applied when the screed has dried to a moisture content of <2.5%CM.



Can be forced dried after 7 days.



No surface laitance (dust) after curing.



Easy installation; up to 1000m² per day (reduces time & costs).



Reduced carbon footprint compared to traditional screeds.



Compatible with all cement based adhesives; including fast track systems.



Lower running costs for underfloor heating systems when using Cemfloor. This is due to the exceptional thermal conductivity and the ability to lay thinner screeds over the underfloor heating pipes.



Lay floor covering in 7 days with Cemfloor Fastrack



Cemfloor Level Plus can be laid at 12mm ideal for low profile UFH

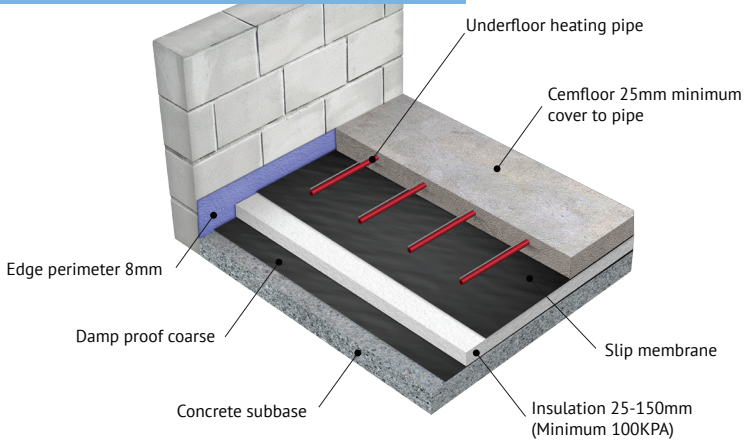
Cemfloor screeds are very responsive to underfloor heating; due to the fact that they can be laid in very thin sections and have a high thermal conductivity.

Since Cemfloor is a cement based screed;

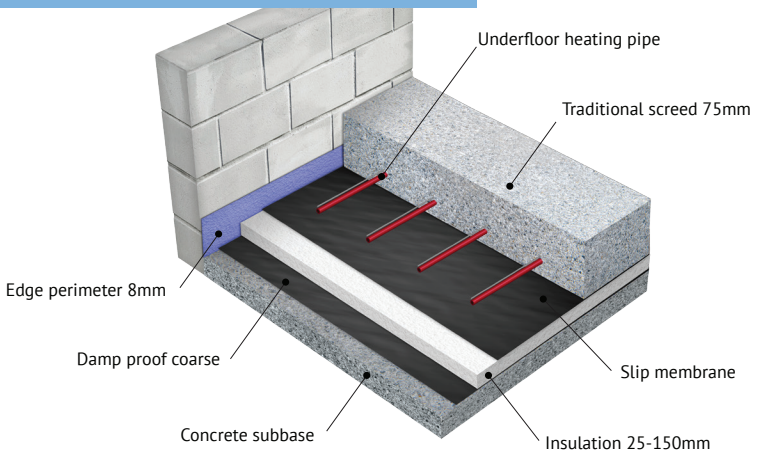
- Floor coverings can be applied much faster than calcium sulphate screeds which needs to be dried to a final moisture content of 0.5%CM which can delay floor finishings by months.
- Floor finishes can be applied once the screed has dried to a final moisture content of 2.5%CM; speeding up the entire build process.



Cemfloor



Traditional Screed



Compared with other liquid screeds which generally need to be force dried with underfloor heating; Cemfloor screeds can be used in non heated floors as it doesn't require force drying to remove moisture. Using the correct tile adhesives; tiles can be placed in as little as 5 days in nonheated floors.

Additional Information

Substrate

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

Floor Covering

Cemfloor is compatible with all types of floor coverings, cementitious adhesives, damp proof membranes and floor levellers. For technical information, contact our technical department.

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 completed the necessary Cemfloor training.



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Technical Information

Cemfloor is produced in an ISO 9001 quality-controlled environment. Self levelling screeds produced with Cemfloor meet the requirements of EN 13813:2002 'Screed Material for Floor Screeds'.

SCREED SPECIFICATION EN 13813:2002

Compressive Strength	>20 N/mm ² >25 N/mm ² >30 N/mm ²
Flexural Strength	>4 N/mm ² >5 N/mm ² >6 N/mm ²
Minimum Thickness	Bonded: 20mm Unbonded: 30mm Domestic Floating Floor: 35mm Commercial Floating Floor: 40mm Over underfloor heating pipes: minimum cover 25mm above pipes
Shrinkage (28 Days)	<0.05%
Flow Rate	230–260mm
Fire Rating	non-combustible
Open to Light Foot Traffic	24-48 Hours
Surface Flatness	Min SR2
ISCR Test	Category A
Maximum Bay Sizes	Heated Floors = 100m ² Non-Heated Floors = 150m ²



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