



FLO-SCREED UK LTD

NEW GENERATION
PUMPABLE FLOOR SCREEDS

WE ARE APPROVED SCREEDERS FOR:



FOR MORE INFORMATION OR TECHNICAL ADVICE PLEASE CONTACT US:

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NEW GENERATION
PUMPABLE FLOOR SCREEDS



Flowing screeds are new generation screeding products that present significant advantages over traditional sand & cement floor screeds

www.flo-screed.co.uk
www.underfloorheatingscreed.co.uk

www.flo-screed.co.uk

Flo-Screed UK LTD offer a nationwide floor screeding service using pumpable floor screed products. We are totally committed to the use of flowing screeds because they have been developed within the screeding industry to be at the cutting edge of progress, this helps us to provide a fast, efficient and precise service. We are always producing work to the highest standards, meeting with and exceeding the requirements of our clients.

We offer the complete package to all sectors of the building industry from specification to installation including technical information, site surveys and quotations. Having invested in the latest pumping equipment, we are confident in being able to place Flo-screed in the most inaccessible areas.

FLO-SCREED FOR FLOORS

Flo-screed UK Ltd lay new generation screeding products that represent a quantum leap forward in terms of performance and design flexibility.

Flowing floor screed products present significant advantages over traditional sand and cement floor screeds these include:

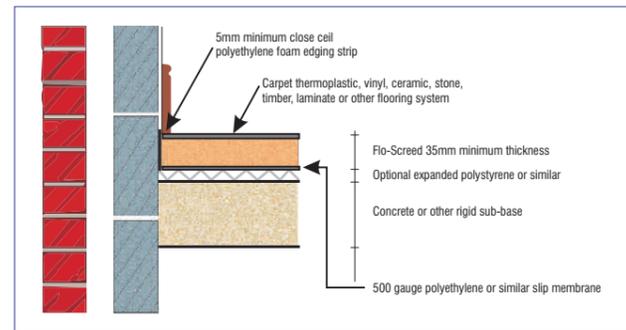
SPEED OF APPLICATION - 1500m²+/day

PUMP PLACEMENT - 100m vertical and 180m along the floor, no risk of barrow damage to door frames, or underfloor heating pipes etc.

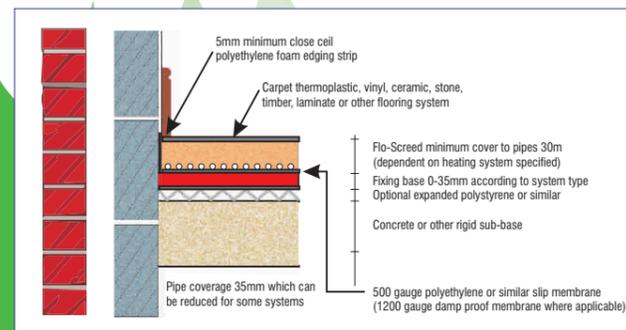
ACCURACY OF PLACEMENT AND SURFACE FINISH - (Laser levelled) Easily achieves SR2 under BS8204. Ideal for underfloor heating.

VIRTUALLY NO DRYING SHRINKAGE - Therefore differential shrinkage leading to lifting and curling is absent.

FLO-SCREED FLOATING FLOOR WITH INSULATION SECTION DRAWING



FLO-SCREED UNDERFLOOR HEATING SECTION DRAWING



SIGNIFICANT REDUCTIONS IN THICKNESS - In most cases 35mm of Flo-screed will replace 75mm of conventional material.

ELIMINATION OR SUBSTANTIAL REDUCTION OF MOVEMENT JOINTS.

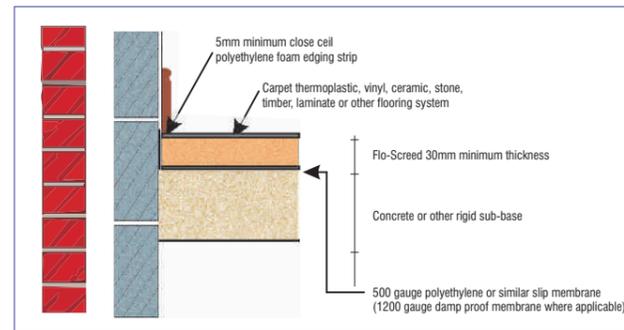
SUPERIOR ACOUSTIC PERFORMANCE

SELF COMPACTING

NO REINFORCING NEEDED

ENVIRONMENTALLY FRIENDLY

FLO-SCREED 'NORMAL' OR 'TYPICAL' UNBONDED SECTION DRAWING



FLO-SCREED MEASUREMENT GUIDE

FLOOR TYPE	MINIMUM THICKNESS (MM)
Bonded	25
Unbonded	30
Floating over insulation	40
Coverage above underfloor heating pipes	30

In many cases the specification would be 75mm thickness of conventional sand and cement screed. When it is replaced by Flo-Screed the screed thickness will be reduced and the overall thickness of 75mm will be made up with EPS (expanded polystyrene). This will provide economies in the amount of screed used and will clearly enhance the acoustic and thermal properties as well as leading to a more rapid drying of the screed as a direct result of the reduced thickness.

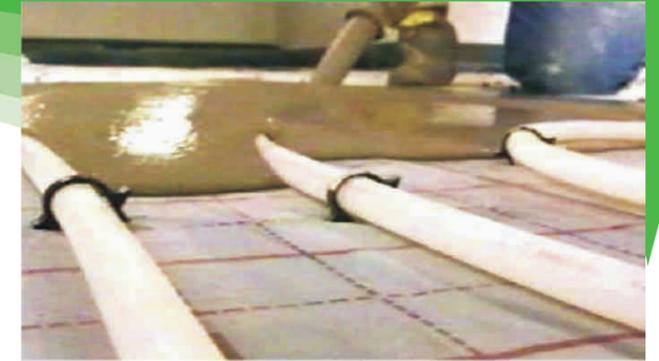
UNDERFLOOR HEATING SCREEDS



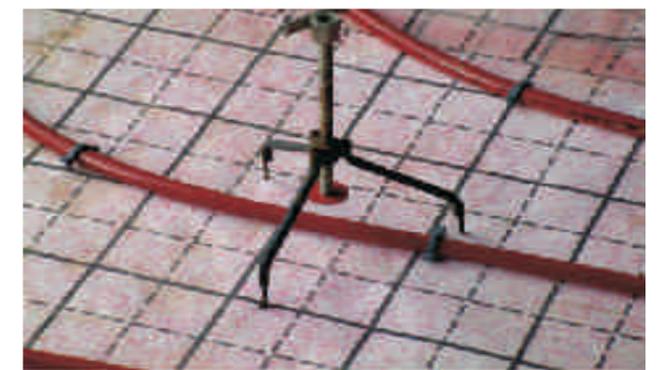
At Flo-Screed UK Ltd we have a new approach to underfloor heating, we consider the screed the key factor to a successful underfloor heating system. After the initial enquiry, we monitor the entire project from the beginning, including site visits to establish levels and liaising with the underfloor heating installers, builder and client right through to the finished floor, advising on aftercare of the screed and providing full technical information on sealers and floor finishes. Quality, reliability and full support before, during and after the completion of a contract is Flo-Screed's commitment to you, our valued customers.

KEY FEATURES OF SCREED

- Produced to a controlled flowable consistency to fully encompass heating pipes.
- Elimination of voids resulting in uniform heat transfer and maximised thermal efficiency of the under floor heating system.
- Reduced screed depth when compared to traditional sand cement screeds minimising heat storage, resulting in a floor which responds rapidly to user requirements.
- Extremely low shrinkage - can not curl and minimises the risk of cracking.
- Does not require reinforcement.
- Heating systems can be commissioned in accordance with BS1264:2001-4 clause 4.4, 7 days after application of the screed.
- Minimal thermal expansion (0.012mm/Mk)
- Excellent thermal conductivity (2.2W/Mk)
- Flo-screed is the ideal floor screed to compliment under floor heating as it has a 30% increased thermal efficiency over traditional floor screeds.



The screed flows around the underfloor heating pipes eliminating air pockets therefore improving heat transmission across the floor. The thickness of Flo-screed for underfloor heating will be 30mm+ the diameter of the pipe. Typically 50mm.



The screed level indicators are laser levelled to the datum prior to pouring.