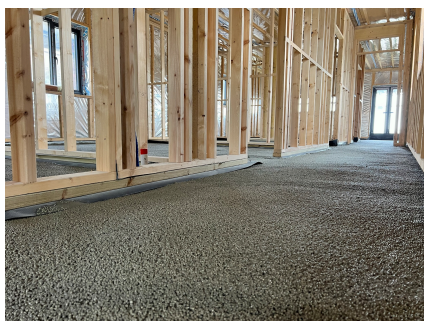




Fast Floor Screed

mobile screed factory

Preparing your floor before application of screed over Underfloor Heating



1) INSULATION

Install suitable BEPS / liquid insulation, such as baseTherm® or place suitable floor insulation boards onto structural floor slab and install edge insulation of 8mm minimum along the perimeter of the walls and columns.

- ✓ **The purpose of edge insulation is to avoid cold bridging and allow the floating floor to expand.**



2) SEPARATION MEMBRANE (Polythene)

Depending on site conditions, after 72 hours to one week, when baseTherm® Liquid Insulation is dry, install a >500 gauge separation membrane prior to installation of underfloor heating pipes (if using UFH). Ensure the membrane is returned up the walls at 90 degree corners. Joints need to be taped and upturns fixed at 150mm above screed levels. (It can be trimmed back after screed is poured.)

- ✓ **This ensures no leakage of the screed and allows the screed to dry consistently throughout.**



3) UNDER FLOOR HEATING PIPES

Under floor heating pipes should be placed and fixed to the insulation using clips and/or rails. Fixings should be no more than 500mm apart and extra fixings are required for bends/returns.

- ✓ **This ensures UFH pipes don't float during screed application.**

FOR MORE INFORMATION CONTACT:

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4) FLOOR SCREED

After completion of these preparation works our self smoothing screed is installed to BS 8204-7. Before screed placement commences, we set adjustable tripod depth gauges set by laser level to agreed datum, which is usually calculated from your door threshold, there is no requirement for datum lines on walls.

✓ **This ensures a level floor throughout the building.**



5) FINISHED FLOOR SCREED

Area for screed should be weather proofed, i.e. roof sealed, windows fitted and in dry conditions. Ideally internal plastering of walls should be completed. Foot traffic can commence after 6-8 hours under normal drying conditions.

✓ **Flat, smooth laitance-free floor screed is produced.**

IMPORTANT

- Floor beneath insulation should be clear of debris that may affect proper placing of insulation.
- If you choose to use boards, voids underneath or between sheets of insulation should be avoided. Mechanically fix insulation if required.
- Heating pipe system should be tested while screed is being placed to ensure any pipe failure can be identified. (Discuss with your heating contractor.)
- Avoid leaving any debris that may float to the surface of the screed, vacuum clean if necessary.
- A mains water supply on site is required, plus access for our rigid or articulated mobile screed
- Datum for finish level of floor screed needs to be established by the client keeping in mind door threshold levels.
- Exact quantity of screed required can be determined when depth gauges are set on site using datum given. (There may be an additional charge for material used.)

DID YOU KNOW? Our Alpha Hemihydrate Screed can be installed in a heated floating-floor screed construction, uniquely, with the commissioned underfloor heating system up and running @ 25°C!

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