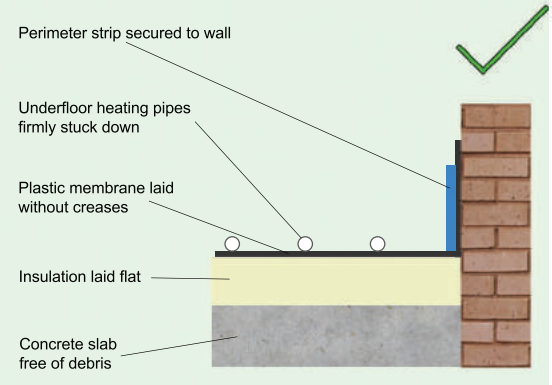
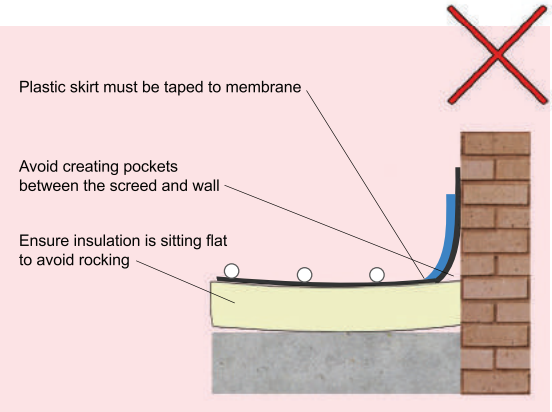
Lakes Liquid Screeds
Commercial & domestic flowing screeds

SITE PREPARATION GUIDELINES
FOR A GYVLON SCREED





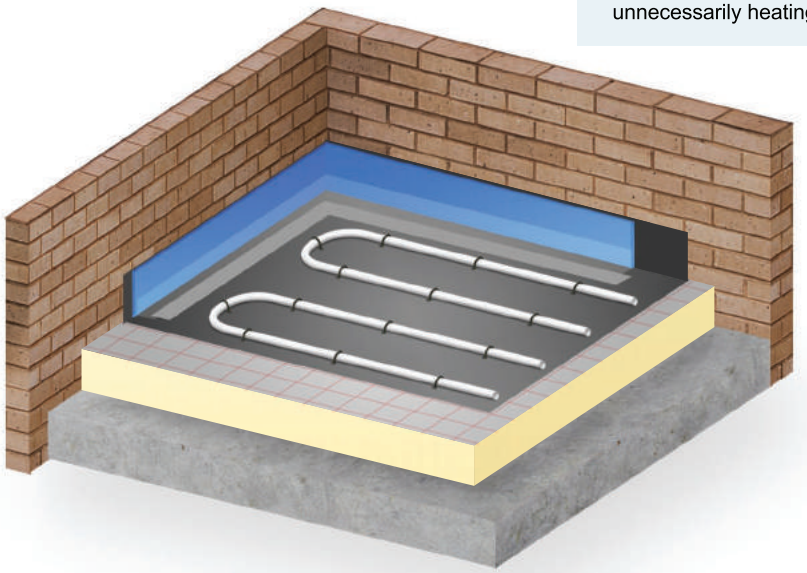
It is vital that the floor preparation is to a high standard, otherwise it could affect the quality of the screed.

Insulation
- The sub-base should be as flat as possible before laying any insulation boards. It may be necessary to remove high points or fill in low points in order to avoid any movement.
- Boards should be laid staggered and tightly jointed.
- Insulation boards are often slightly curved. If this is the case, lay the boards so they are curved downwards (higher in the middle) to minimise rocking.
- If insulation boards continue to move once laid, insulation fixings can be drilled through into the sub-base to secure.

Membrane
- Lay a polythene sheet (we recommend 500 gauge) across the entire floor and run it slightly up the walls (above finished screed level) to create a bath.
- Avoid creating air pockets and creases.
- The area to be screeded needs to be completely water-tight, so tape any overlaps or punctures with gaffa tape to ensure no screed can escape.
- Ensure the membrane is pushed fully into all corners to avoid air pockets.
- We recommend using single wound roll to avoid ridges.

Perimeter strip
- Perimeter strip must be installed at all wall/floor junctions and around all columns, pipework etc.
- Ensure perimeter strip is pushed fully into all corners to avoid air pockets.
- If there is a plastic skirt attached to the perimeter strip, use tape or adhesive spray to stick it to the membrane - this stops the screed from getting behind the perimeter strip and pulling it away from the wall. Again, avoid creating air pockets between the screed and the insulation/wall.

Underfloor heating
- Underfoor heating pipes should be installed to the manufacturer's guidelines and spacings.
- Ensure all heating pipes are firmly fixed to the insulation using the supplied clips/staples. Pipes should be secured at least once every 400mm.
- Warm water systems should be pressure tested prior to the installation of the screed. This allows any issues to be addressed before the screed is installed.
- Ensure conduit is fitted around all pipes that are running close together. This avoids unnecessarily heating areas of the floor (usually close to the manifold).



Before we install any screed your building needs to be:

- **Weather tight**
  The roof should be covered and all external doors and windows must be fitted or covered with polythene. There should be no drafts through the building for the first 48 hours after installation.

- **Clean**
  The floor must be free of any debris.

Note: Avoid using foil backed tape (often supplied with insulation boards) in areas where it will be in contact with the screed. The metal can react with the screed and cause gases.

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