If installing underfloor heating, the Geogrid is now laid over the second layer of geotextile. This is used as a fixing layer for pipe clip rails (not supplied), which are cable tied to the Geogrid. Heating pipes can be fixed directly to the Geogrid using cable ties, however this will position the pipes lower within the screed.

Cork insulation should now be positioned around the perimeter walls to the depth of the screed (typically 100mm). These are supplied in 1000mm x 500mm sheets and will need to be cut on site. The cork also acts as a screeding board, however additional shuttering maybe required for large floor areas.

Mix 2 parts screed aggregate to 1 part Mike Wye lime binder by volume, adding sufficient water to make a stiff but workable mix. If additional screed fibres are specified, add 1kg per cubic metre of screed. Mix for approximately 20 minutes after adding sufficient water. Lay and tamp the screed level, then float to appropriate finish.

The curing time is approximately 7-14 days depending on temperature, care should be taken to ensure the screed does not dry/cure too quickly or too slowly. In addition, if you have installed underfloor heating this should not be used for a minimum of 4 weeks. Always follow underfloor heating suppliers guidelines.

Coverings: Ensure that the lime screed has dried out sufficiently to allow for finishes to be laid. For maximum breathability lay natural materials as finishes only. Lay all stone, slate or other slab finishes in lime mortar bedding and use only a lime:sand grout between slabs. Other floor finishes may be considered but may affect performance. Please consult with Mike Wye & Associates if unsure.

Speedwell Mill is an (undesignated) 18th century cotton mill converted to tape weaving in the 1840s. Previously owned by the Wheatcroft family, who in 1879 expanded into Haarlem Mill. The two mills together employed 230 people and it was said that their weekly output of tape equalled the circumference of the earth. Both mills still exist, Speedwell Mill known as The Old Tape Works is now a private residence.

The existing damp concrete floor was dug up and excavated ready to install the breathable LABC registered Glasscrete (Limecrete) floor system. This was to prevent the old concrete floor from driving ground moisture to the perimeter walls causing damp issues.

The specification/build-up was as below:
- Excavated ground/sub-soil
- Geotextile membrane separation layer.
- 200mm of compacted GEOCELL foam glass gravel.
- Geotextile membrane separation layer.
- Geogrid to fix clip rails for underfloor heating pipes.
- Clip rails & underfloor heating pipes (supplied by others).
- Cork board perimeter insulation separating lime slab & perimeter walls.
- 100mm lime screed/slab, 1 part NHL5 to 2 parts sharp sand.