

STONEWARE STUDIOS

Stoneware Studios Ltd, Pillmore, Youghal, Co. Cork

Tel: 024 90117 Email: mail@stonewarestudios.com

www.stonewarestudios.com

Limecrete Floors with Leca

Summary of Floor construction:

- First, lay Geotextile Membrane on compacted clay.
- Then, 100mm – 500mm of loose Coated Leca 10-20mm size
- Then, another layer of Geotextile Membrane.
- Then, 100mm -150mm of limecrete made up of 1 part NHL5 to 3 parts 20mm -0mm Leca.
- Then, if underfloor heating is to be installed, an E'grid 2020 geogrid, or similar, is laid over the lime/leca layer. The E'grid is used for fixing points for the UFH clip rails or other clipping system.
- Then finish with c. 50mm lime screed made up of 1 part NHL5 to 2 parts washed sharp sand. If desirable you can bed a tile or slate into this screed as a finish floor. Note that if UFH pipes have been installed this 50mm screed will have to be increased to at least 75mm and if a tile or slate floor is being bedded into it is preferable that the pipes are bedded into a 75mm screed first followed by further c. 25mm to receive the flooring tiles/flagstones. Care should be taken to ensure the final screed is securely bound to the underneath layer.

This is a breathable floor. Care should be taken to avoid using materials such as impermeable tile adhesive on this floor.

