



Cemfloor On-Site Procedures



Introduction

- Cemfloor is a self-levelling flowing screed flooring system comprising a cement binder, fine aggregate, proprietary Cemfloor Binder, high-range water reducer, and water.
- Cemfloor is factory produced and delivered to site ready for use via mixer trucks, it is a plant mixed product.
- Cemfloor should only be installed by approved contractors, who have been trained to lay cement based flowing screed.

Pre-installation Guidelines & Preparation of Substrate

- Cemfloor screed **MUST** only be installed in a totally weather tight environment, this means that the building must be constructed and all windows and doors in place.
- Should windows or doors not be in place all apertures must be covered with polythene to create the required weather tightness.
- Cemfloor can be installed as an Unbonded or Bonded system.
- Insulation with a minimum strength of 100kPa must be used in floating floors.

- For both systems the substrate should be sound with the surface cleaned thoroughly prior to installation; contaminants such as mud, dirt, organic matter, water and construction debris should be removed.
- A minimum 5mm thick compressible border strip should be applied around walls and all upstands, columns, piers, and pipes.
- Maximum Bays of 150m² for unheated floors and 100m² for heated floors can be placed without the need for construction joints. Joints must be placed at all doorways.

Installation of Cemfloor Screeds

- Before pumping commences each load of Cemfloor should be tested for workability and if required adjusted accordingly. The target flow for this product is 230 to 260mm.
- To increase the flow of Cemfloor screed by 10mm; 5 litres of water per metre of screed can be added. (i.e. To increase the flowability of a 5m³ load of Cemfloor by 10mm; add 25 litres of water.)
- Care should be taken to avoid leading edges being left open for any length of time. Fresh deliveries of Cemfloor must always be well blended in using the dappling bar/brush.
- The screed is placed to the desired level; with reference to the pre-set level indicators.



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