

## Gypsol installation guidance

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### Pre-installation checks and preparation

- Pre-check before installation of screed, ensure all of the pre-installation guidance has been followed.
- Ensure correct measurements have been taken and that the floor is level prior to screed being ordered.
- Ensure correct mix design has been batched, and all the batch criteria have been met (within all tolerances). **For guidance on the production of Gypsol screed please refer to our batching procedures data sheet.**
- A flow test must be taken at plant to ensure screed is within specification.
- Ensure correct equipment has been brought to site for installation of screed, dapple bars, flow board, flow cone, tape measure, pump, tripods (to ensure datum), laser (for finding datum).

### Installation and quality control during pour

- Prior to installation a flow test must be taken on site to make certain screed has been batched within specification. If out of specification: low flow (230mm and below) water can be added (as per guidelines) to bring up to specification, high flow (above 270mm) screed should be rejected.
- Any water addition must be recorded and signed for even if to bring up to specification.
- Ensure all bay sizes are adhered to in relation to type of screed poured, also type of floor (bonded, unbonded, floating, UFH) being poured onto.
- If joints need to be placed due to bay size or where UFH is being installed, make certain they are in place and secure prior to installation.
- Ensure screed depth is adhered to in line with type of floor (bonded, unbonded, floating UFH), too thin and issues such as cracking can occur, too deep and too much weight could be applied to floor, also length of time to hydrate could delay further installations. **Please refer to individual Gypsol product data sheets for depths and drying times.**
- In relation to covering UFH ensure minimum screed depth is adhered to when covering pipes otherwise shadowing/mapping of the pipes could occur. **Please refer to individual Gypsol product data sheets for coverage.**
- When dapping the screed two passes minimum should be applied. One heavy dapple, deep to allow for any entrapped air as well as to level the screed, followed by one light dapple to achieve finish.
- The two passes of the dapple bar should be done at 90 degrees to each other I.E. first pass lengthways, second pass sideways.
- Once light dapple has been applied screeder should remove themselves from the screed ensuring all the windows and doors are closed sealing the buildings envelope.

## **Post-installation and aftercare**

- Floor should be left for 24-72 hours in sealed envelope to ensure screed is allowed to hydrate properly and set, screed surface should be tested before foot traffic and any other services go onto the surface.
- Following access by other trades, no pallets, plywood, or other materials should be left on the surface for prolonged periods, as this can adversely affect the hydration process of the Gypsol screed.