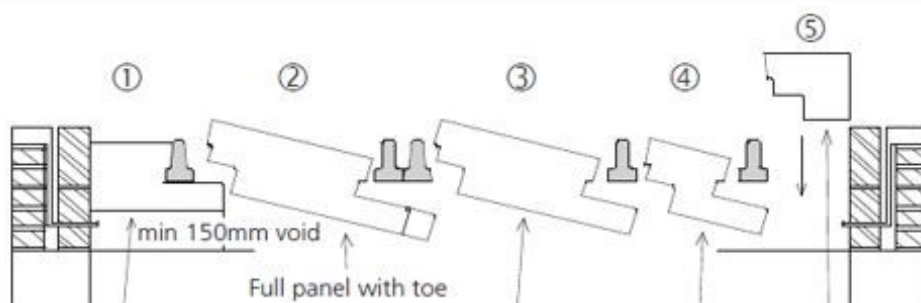


- 1) To begin the installation, lay a Damp Proof Course (DPC) over the bearing walls. These walls are to be constructed in advance of the floor being laid to ensure that the mortar reaches the required strengths.
- 2) Space the beams as per the centres on the Litecast approved drawing, ensuring that the ends of the beams bear onto the supporting walls (typically 100mm).
- 3) Starter panels (generally denoted as A-S or C-S on our design) (1) need to be cut to suit from a full panel as per the Litecast drawing. The offcut is to be retained and used as the end panel (5) (generally denoted as C-E on our design).
- 4) If the walls are already built to the finished floor height, the starter panel can be pushed tight up against the inner skin of the wall using the beam. Alternatively, optional edge clips can be placed onto the bearing walls to support the starter and end units.
- 5) Insert the polystyrene starter panel (1), pushing the saw cut side against the inner skin of the wall, with the XT dove tail positioned under the beam facing into the bay. Pin the panel against the wall using the beam first beam.
- 6) Continue with the installation of the panels in this manner, rotating each panel underneath the beams. To ease installation, beams may be splayed slightly.
- 7) Once installed, beams are pushed tight up against the panel, locking them into position.
- 8) At the end of rows, panels will need to be cut to suit. Using the embossed grid lines for reference, cut panels to the required size, using the offcut for the next row. To avoid waste, please ensure that panels are never cut to less than 300mm.
- 9) In instances where double beams are denoted on the design, toe extensions will be supplied to prevent cold bridging. These toes are slotted into the end of the dovetails, extending the panel to sit beneath the double beam (2).
- 10) Once installed the floor can be used as a temporary walking platform. Please avoid stacking any blocks or materials on the floor.
- 11) Following the installation of the beams and panels, full and half closures will be bedded on to the inner skin block work, allowing the continuation of the build.
- 12) Once the installation is complete a DPM will be installed directly above the panels and beams. This floor is then finished with a minimum 75mm structural topping. Please refer to our agreement certificate for advice of acceptable toppings.

TIPS AND HINTS

- It is normal to see a random sequence of panels throughout the floor.
- Underfloor heating pipes can be clipped to the DPM with the use of self-adhesive clips, these are then incorporated into the concrete finish.
- The panels have embossed gridlines to aid with cutting.
- Each variance of our XT system is colour coded with labels. Providing clarity for mixed polystyrene sites. Please check your designs.
- The end of the tape measure acts as a good tool for marking panels ready for cutting.



To see the installation video for our XT flooring system, please scan the QR code.



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