

# 1STFLOOR

## EXTRUDED HOLLOWCORE PRECAST FLOORS

### 1STFLOOR GROUTING SPECIFICATIONS

PLEASE NOTE - GROUTING BY 1STFLOOR IS OPTIONAL, CLIENT IS TO PROVIDE GROUTING MATERIALS

After installation of the 1stfloor panels and prior to commencing with any building work on top of the slab the longitudinal joints between the panels must be grouted in order for the panels to be bonded together.

The following procedure will ensure a good quality connection between the panels.

All longitudinal joints must be clear and clean of any building materials or debris. Do not install conduit or service piping in these joints.

Use a good quality course sand such as River sand or crusher sand and an ordinary Portland cement the mix ratio should be at least 3:1 (Sand : Cement) this should give a 28 day strength of 25mpa.

Fill all the joints ensuring that the grout fill the complete joint and is finished off flush with the top of the slab.

For a 150mm & 200mm thick slab approximately 1m<sup>3</sup> of sand and 10 pockets of cement will be required per 100m<sup>2</sup> of slab area.

For a 250mm thick slab, approximately 1.5m<sup>3</sup> of sand and 15 pockets of cement will be required per 100m<sup>2</sup> of slab area.

No building activities such as loading of bricks or wheel barrow loads should be carted across the slabs until the grouting has cured, minimum 24 hours.

