



## Fixing to Walls

### Development: Dunleer

Fixing any medium or heavy items to the walls should only be undertaken by a professional tradesperson.

#### External Walls

The external walls are built using a method called Integrated Concrete Formwork (ICF). This means that between the plasterboard and the concrete inner of the wall, there is 120mm of insulation.

To fix a heavy item to the wall, it will therefore be necessary to drill 125mm from the finished wall to reach the concrete. You need to allow a fixing hole in to the concrete on top of this (the concrete is 150mm deep). We would therefore recommend that if fixing medium or heavy items to the walls, you use long concrete screws and plug (eg 180mm) fixed right back to the concrete.

For lighter items, the ICF has a fixing point at a 75mm depth, which are every 200mm apart, starting from the external corner of the room, so 200mm, 400mm, 600mm, 800mm, 1000mm, 1200mm, 1400mm, etc. These fixing points can be found with a wall scanner \ stud detector.

Regards the fixing details, for lighter use such as pictures, standard plasterboard rawl plugs will suffice.

#### Internal Stud Walls

The internal stud walls are constructed of plasterboard and metal stud. Please use plasterboard fixings that are suitable for hollow walls and are appropriate to the weight of the item being fixed to the wall.

**In all circumstances, use a professional tradesperson for fixing medium \ heavy fittings, ensure that they use a wall scanner \ stud detector and avoid pipes and cables. Any damage to the wall is the responsibility of the Tenant.**