



## Griplt® Plasterboard Fixings



Griplt® Plasterboard Fixings are designed for use with all types of plasterboard installations. Using their uniquely designed slim gripping wings, Griplt® fold out in the gap behind the board and produce the most effective and secure fixing in the world today.

### BENEFITS

- Supports heavy loads of up to 113kg
- Fits all plasterboard
- Removable and reusable
- Quick, easy and strong
- 100% universal

### APPLICATIONS

Hang almost anything to plasterboard, including shelves, mirrors, curtain rails, bathroom fittings, radiators, boilers, kitchen units, wall mounted TV's, large picture frames, kitchen and bathroom cabinets, towel rails, clothes hooks and more.

### INSTALLATION GUIDE

1. Mark out the centreline positions where the fixing is to be installed. Drill the required number of holes in the plasterboard.
2. Clean hole by brushing and blowing to remove dust and debris.
3. Position the fixing in the hole – wings first. The two screws should be at a 20 to 2 clock angle. Gently tap the fixing into the hole until the fixing settles down flush with the plasterboard surface.
4. Lock backing wings in place by turning central screwdriver slot clockwise.

### PERFORMANCE INFORMATION

#### Loads

|                           | 15mm | 18mm | 20mm | 25mm |
|---------------------------|------|------|------|------|
| Diameter (mm)             | 15   | 18   | 20   | 25   |
| Length (mm)               | 11.5 | 11.5 | 11.5 | 11.5 |
| Screw sizes diameter (mm) | 4.0  | 5.0  | M6   | M8   |
| Screw sizes length (mm)   | 25   | 30   | 30   | 30   |

#### Installation Data

|                                 | 15mm | 18mm | 20mm | 25mm |
|---------------------------------|------|------|------|------|
| Fixing diameter (mm)            | 15   | 18   | 20   | 25   |
| Hole diameter in substrate (mm) | 15   | 18   | 20   | 25   |
| Min. substrate thickness (mm)   | 9.5  | 9.5  | 9.5  | 9.5  |
| Min. spacing (ctrs/mm)          | 25   | 30   | 50   | 100  |
| Min. edge distance (mm)         | 20   | 24   | 28   | 30   |

## GripIt® Plasterboard Fixings



### BASIC PERFORMANCE DATA

#### Tension

The force applied to the fixing is 'pulled' away from the wall.

|                          | 15mm       | 18mm       | 20mm       | 25mm       |
|--------------------------|------------|------------|------------|------------|
| Substrate thickness (mm) | Up to 15mm | Up to 15mm | Up to 15mm | Up to 15mm |
| Min edge distance (mm)   | 20         | 24         | 28         | 28         |
| Tension max (kg)         | 38         | 39         | 39         | 39         |
| Tension safe (kg)        | 20         | 20         | 20         | 20         |

#### Shear

Weight suspended from a fixing, mounted in a vertical wall with a load or weight attached to that fixing and acting vertically downwards.

|                          | 15mm       | 18mm       | 20mm       | 25mm       |
|--------------------------|------------|------------|------------|------------|
| Substrate thickness (mm) | Up to 15mm | Up to 15mm | Up to 15mm | Up to 15mm |
| Min edge distance (mm)   | 20         | 24         | 28         | 28         |
| Shear max (kg)           | 142        | 148        | 185        | 225        |
| Shear safe (kg)          | 71         | 74         | 93         | 113        |

#### Cantilever

The weight applied along the length of a horizontal beam at a known distance from a vertical wall and acting vertically downwards.

|                      | 15mm |      |       | 18mm |      |       | 20mm |      |       | 25mm |      |       |
|----------------------|------|------|-------|------|------|-------|------|------|-------|------|------|-------|
|                      | 50mm | 75mm | 150mm | 50mm | 75mm | 150mm | 50mm | 75mm | 150mm | 50mm | 75mm | 150mm |
| Cantilever max (kg)  | 60   | 54   | 32    | 64   | 56   | 36    | 72   | 58   | 48    | 80   | 62   | 50    |
| Cantilever safe (kg) | 30   | 27   | 16    | 32   | 28   | 18    | 36   | 29   | 24    | 40   | 31   | 25    |