













Weight Guidelines For Installation on Plasterboard Wall

Prints on Glass supply all wall prints with sufficient pieces of fixing C and matching screws to support the supplied print.

Example fixing devices and typical safe working loads on partitions and wall linings

| System | Lightweight fixtures up to 3kg (e.g. socket) | Lightweight to medium fixtures up to 4 - 8kg (e.g. small mirror) | Medium weight fixtures 9 - 20kg (e.g. shelf) | Medium to heavy fixtures 21 - 50kg (e.g. cupboard) | Heavy fixtures 51 - 100kg (e.g. basin) |
|---|--|--|--|--|--|
| ShaftWall and GypWall systems GypLyner iwl | A | B or C | D, E or I | G, H or I | K |
| Timber stud | A | B or C | K or D | K | K |
| DriLyner | A | B | F | L | L |
| GypLyner wall lining | A | B or C | D or E | K | K |

| Reference | Detail | Description | Typical SWL (typical failure load) |
|-----------|---|---|------------------------------------|
| A |  | No. 10 woodscrew into Gyproc plasterboard | 3kg (12kg) |
| B |  | Steel picture hook and masonry nail into Gyproc plasterboard | 4kg (16kg) |
| C |  | Metal self-drive into single layer Gyproc plasterboard | 6kg (24kg) |
| | | Metal self-drive into double layer Gyproc plasterboard | 8kg (32kg) |
| D |  | Steel expanding cavity fixing, e.g. M5 x 40, into Gyproc plasterboard (board thicknesses up to 12.5mm) | 12kg (48kg) |
| | | Steel expanding cavity fixing, e.g. M5 x 65, into plasterboard (board thicknesses from 15mm to 28mm) | 18kg (72kg) |
| E |  | Gyproc Drywall Screw fixed through Gyproc plasterboard into 0.5mm Gypframe metal stud / Gypframe 99 FC 50 Fixing Channel | 19kg (76kg) |
| F |  | Heavy duty plastic plug fixed through Gyproc plasterboard into masonry with 55mm minimum penetration | 20kg (140kg) |
| G |  | Gyproc Jack-Point Screws fixed through Gyproc plasterboard into minimum 0.9mm Gypframe metal stud | 30kg (120kg) |
| H |  | No.12 self-tapping screws fixed through Gyproc plasterboard into minimum 0.9mm Gypframe metal stud | 50kg (200kg) |
| I |  | Steel expanding metal cavity fixing, e.g. M4 x 40, through Gyproc plasterboard into 0.9mm Gypframe metal stud (board thicknesses up to 12.5mm) | 40kg (160kg) |
| | | Steel expanding metal cavity fixing, e.g. M4 x 65, through Gyproc plasterboard into 0.9mm Gypframe metal stud (board thicknesses from 15mm to 28mm) | 50kg (200kg) |
| | | Steel expanding metal cavity fixing, e.g. M5 x 65, fixing through Gyproc plasterboard into plywood supported by Gypframe Service Support Plate | 50kg (200kg) |
| J |  | 8mm steel frame fixing fixed through Gyproc plasterboard into masonry with minimum 55mm penetration | 60kg (240kg) |
| K |  | No.12 self-tapping screw fixed through Gyproc plasterboard into timber sub-frame | 120kg (480kg) |
| L |  | M8 steel bolt / anchor fixed through Gyproc plasterboard into masonry with minimum 55mm penetration | 130kg (520kg) |

Safe Working Load (SWL) - a safety factor of 4 (steel fixings) and 7 (plastic fixings) has been used.

For technical assistance on above fixings please contact the fixings manufacturer. The suitability of the fixing must be confirmed by the building designer / fixing manufacturer.

This information has been sourced from the British-Gypsum White-Book Section c02 Technical Performance

<http://www.british-gypsum.com/literature/white-book>