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