

Loads

Board fixing PD

Recommended loads¹⁾ for a single anchor.

Type		PD 8	PD 10	PD 12
Chipboard screw diameter	[mm]	4.0	5.0	6.0
Recommended loads in the respective base material F_{rec} ²⁾				
Gypsum plasterboard	9.5 mm	[kN] 0.10	0.10	0.10
Gypsum plasterboard	12.5 mm	[kN] 0.10	0.10	0.15
Gypsum plasterboard	2 x 12.5 mm	[kN] 0.15	0.15	0.15
Gypsum fibreboard	12.5 mm	[kN] 0.20	0.25	0.30
Plywood		[kN] 0.15	0.40	0.80
Chipboard	16 mm	[kN] 0.25	0.25	0.25

¹⁾ Required safety factors are considered. The given loads are valid for chipboard screws with the specified diameters.

²⁾ Valid for tensile load, shear load and oblique load under any angle.