

Loads

Plasterboard fixing DuoBlade

Recommended loads¹⁾ for a single anchor.

Type			DuoBlade
Chipboard screw diameter		[mm]	4.0 - 5.0
Recommended loads in the respective base material F_{rec} ²⁾			
Gypsum plasterboard	9.5 mm	[kN]	0.08
Gypsum plasterboard	12.5 mm	[kN]	0.10
Gypsum plasterboard (e.g. Knauf Diamant board or Rigips Die Harte)	12.5 mm	[kN]	0.18
Gypsum plasterboard	2 x 12.5 mm	[kN]	0.20
Lightweight cement board	12.5 mm	[kN]	0.08
Gypsum fibreboard	12.5 mm	[kN]	0.34

¹⁾ Required safety factors are considered. The given loads are valid for chipboard screws with the specified diameters. Valid for installation and use in dry base material for temperatures in the substrate up to +24 °C (resp. short term up to +40 °C).

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