

Loads

Cavity fixing DuoHM

Recommended loads¹⁾²⁾ for a single anchor.

Type			DuoHM 4x55	DuoHM 5x55	DuoHM 6x55
Thread size			M4	M5	M6
Recommended loads in the respective base material $F_{rec}^{3)}$					
Gypsum plasterboard	9.5 mm	[kN]	0.15	0.15	0.15
Gypsum plasterboard	2 x 9.5 mm	[kN]	0.25	0.25	0.25
Gypsum plasterboard	12.5 mm	[kN]	0.20	0.20	0.20
Gypsum plasterboard	2 x 12.5 mm	[kN]	0.36	0.38	0.40
Gypsum plasterboard (e.g. Knauf Diamant or Rigips Die Harte)	12.5 mm	[kN]	0.36	0.38	0.40
Gypsum fiberboard	12.5 mm	[kN]	0.38	0.40	0.42
Chipboard	16 mm	[kN]	0.48	0.50	0.52
OSB-Board	15 mm	[kN]	0.52	0.54	0.56
OSB-Board	18 mm	[kN]	0.58	0.60	0.62
Gypsum plasterboard + OSB-Board	12.5 mm + 15 mm	[kN]	0.58	0.60	0.62

¹⁾ Required safety factors are considered.

²⁾ The recommended loads are reference values and depending to the building material and the workmanship.

³⁾ Valid for tensile load, shear load and oblique load under any angle.