Loads

Nylon toggle DuoTec

Recommended loads[1) 2)] for a single anchor.

Type			DuoTec 10			
			Chipboard screws		Metrical screw	fischer Hook
Screw diameter		[mm]	4.5	5.0	5.0	5.0
Recommended loads in the respective base material F_{rec}[3)] for a span in the construction b = 625 mm						
Gypsum plasterboard	9.5 mm	[kN]	0.17	0.17	0.17	0.17
Gypsum plasterboard	12.5 mm	[kN]	0.20	0.20	0.20	0.20
Gypsum plasterboard	2 x 12.5 mm	[kN]	0.43	0.43	0.43	0.30[4)]
Gypsum fibreboard	12.5 mm	[kN]	0.51	0.51	0.51	0.30[4)]
Chipboard	16 mm	[kN]	0.71	0.71	0.71	0.30[4)]
OSB board	18 mm	[kN]	0.75	0.75	0.75	0.30[4)]
Recommended loads in the respective base material F_{rec}[3)] for a span in the construction b = 120 mm						
Gypsum plasterboard	9.5 mm	[kN]	0.20	0.20	0.20	0.20
Gypsum plasterboard	12.5 mm	[kN]	0.36	0.36	0.36	0.30[4)]
Gypsum plasterboard	2 x 12.5 mm	[kN]	0.59	0.59	0.59	0.30[4)]
Gypsum fibreboard	12.5 mm	[kN]	0.75	0.75	0.75	0.30[4)]
Chipboard	16 mm	[kN]	0.75	0.75	0.75	0.30[4)]
OSB board	18 mm	[kN]	0.75	0.75	0.75	0.30[4)]
Recommended loads in solid building materials F_{rec}[3)]						
Concrete	≥ C20/25	[kN]	0.45	0.75	-	0.30[4)]
Wood		[kN]	0.30	0.75	-	0.30[4)]