

Loads

Turbo aircrete anchor FTP M

Highest recommended loads¹⁾ for a single anchor in aerated concrete and gypsum blocks.
The given loads are valid for metric screws with the specified thread size.

Type		FTP M 6	FTP M 8	FTP M 10
Thread size	[mm]	M 6	M 8	M 10
Min. edge distance c_{min}	[mm]	100	150	200
Recommended loads in the respective base material $F_{rec}^{2)}$				
Aerated concrete	ACC 2 ($\geq 2,5 \text{ N/mm}^2$)	[kN] 0.30	0.45	0.60
Aerated concrete	ACC 4 ($\geq 5,0 \text{ N/mm}^2$)	[kN] 0.50	0.65	0.70
Aerated concrete	ACC 6 ($\geq 7,5 \text{ N/mm}^2$)	[kN] 0.70	0.80	0.90
Gypsum block		[kN] -	0.45	0.65

¹⁾ Required safety factors are considered.

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