

Loads

Turbo aircrete anchor FTP K

Recommended loads¹⁾ for a single anchor in aerated concrete and gypsum blocks.
The given loads are valid for screws with the specified diameter.

Type		FTP K 4	FTP K 6	FTP K 8	FTP K 10
Screw diameter	[mm]	4.0	5.0 - 6.0	8.0	8.0 - 10.0
Min. edge distance c_{min}	[mm]	100	100	150	200
Recommended loads in the respective base material $F_{rec}^{2)}$					
Aerated concrete $ACC\ 2 \geq 2.5\ N/mm^2$	[kN]	0.15	0.20	0.30	0.40
Aerated concrete $ACC\ 4 \geq 5.0\ N/mm^2$	[kN]	0.25	0.30	0.40	0.50
Gypsum block	[kN]	-	-	0.29	0.54

¹⁾ Required safety factors are considered. 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.