Loads

Turbo aircrete anchor FTP M

Recommended loads¹⁰ for a single anchor in aerated concrete and gypsum blocks. The given loads are valid for metric screws with the specified thread size.

		FTP M 6	FTP M 8	FTP M 10
	[mm]	M 6	M 8	M 10
C _{min}	[mm]	100	150	200
spective base material F _{rec} ²⁾				
AAC 2 \ge 2.5 N/mm ²	[kN]	0.30	0.45	0.60
AAC 4 \ge 5.0 N/mm ²	[kN]	0.50	0.65	0.70
AAC 6 \geq 7.5 N/mm ²	[kN]	0.70	0.80	0.90
	[kN]	-	0.45	0.65
	spective base material F_{rec}^{2} AAC 2 \geq 2.5 N/mm ² AAC 4 \geq 5.0 N/mm ²	c_{min} [mm]spective base material $F_{rec}^{(2)}$ [kN]AAC 2 \geq 2.5 N/mm²[kN]AAC 4 \geq 5.0 N/mm²[kN]AAC 6 \geq 7.5 N/mm²[kN]	Imm M 6 c_{min} Imm 100 spective base material F_{rec}^{2} KNI 0.30 AAC 2 \geq 2.5 N/mm ² [kN] 0.50 AAC 6 \geq 7.5 N/mm ² [kN] 0.70	Image M 6 M 8 \mathbf{r}_{min} Image Image Image spective base material $\mathbf{F}_{rec}^{2/}$ M Image Image AAC 2 \geq 2.5 N/mm ² Image Image Image Image AAC 4 \geq 5.0 N/mm ² IkN 0.30 0.45 Image AAC 6 \geq 7.5 N/mm ² IkN 0.70 0.80 Image

¹⁾ Required safety factors are considered.

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