

Loads

Dot and Dab Fixing DDF

Recommended loads¹⁾ for a single anchor.

Type		DDF 10 x 100 FUS			
Recommended tension (N_{rec}) or shear loads (V_{rec})		N_{rec}	V_{rec}		
Distance a to the base material		[mm]	$\leq 45^{2)}$	0	$22.5^{3)}$
Concrete	$\geq C20/25$	[kN]	1.67	2.02	0.90
Solid brick	$\geq Mz 12$	[kN]	1.24	1.90	0.90
Vertically perforated brick	$\geq HLz 12$	[kN]	0.63	1.50	0.90
Aerated concrete	$\geq AAC 4$	[kN]	0.63	1.20	0.90

¹⁾ Required safety factors are considered. Load values are valid for using the supplied screw. 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⁾ The distance of 45 mm results from two layers of 12.5 mm gypsum board and a 20 mm cavity behind them.

³⁾ The distance of 22.5 mm results from one layer of 12.5 mm gypsum board and a 10 mm cavity behind it.