

Loads

Dot and Dab Fixing DDF

Recommended loads¹⁾ for a single anchor.

| Type | | DDF 10 x 100 FUS | | | | |
|--|---------------|------------------|----------------|------|--------------------|------------------|
| | | N_{rec} | V_{rec} | | | |
| Recommended tension (N_{rec}) or shear loads (V_{rec}) | | | | | | |
| Distance a to the base material | | [mm] | $\leq 45^{2)}$ | 0 | 22.5 ³⁾ | 45 ²⁾ |
| Concrete | $\geq C20/25$ | [kN] | 1.67 | 2.02 | 0.90 | 0.57 |
| Solid brick | $\geq Mz 12$ | [kN] | 1.24 | 1.90 | 0.90 | 0.50 |
| Vertically perforated brick | $\geq HLz 12$ | [kN] | 0.63 | 1.50 | 0.90 | 0.50 |
| Aerated concrete | $\geq AAC 4$ | [kN] | 0.63 | 1.20 | 0.90 | 0.40 |

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.