

LOADS

Washbasin and urinal fixings

Highest recommended loads¹⁾ for a single anchor.

The given loads are valid for stud screws with the specified diameter.

Type		WD 8x90 WD 8x110	WD 10x120 WD 10x140	WST 10x140 BO 120	WST 12x150 WST 12x180	UST 8x110	UST 10x120	WL 7x60	WL 8x70	WL 10x80
Screw diameter	∅ [mm]	8	10	10	12	8	10	7	8	10
Recommended loads in the respective base material F_{rec}²⁾										
Concrete	≥ C20/25 [kN]	0,90	0,90	0,90	1,80	0,90	0,90	1,10	1,10	1,50
Solid brick	≥ Mz 12 [kN]	0,50	0,50	0,50	0,80	0,50	0,50	- ³⁾	- ³⁾	- ³⁾
Perforated sand-lime brick	≥ KSL 12 [kN]	0,40	0,40	0,40	0,80	0,40	0,40	-	-	-
Vertically perforated brick	≥ Hlz 12 [kN]	0,20	0,30	0,30	0,40	0,20	0,30	-	-	-
Aerated concrete	≥ PB 4, PP 4 (G4) [kN]	0,30	0,30	0,30	0,70	0,30	0,30	0,16	0,16	0,28

¹⁾ Required safety factors are considered.

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

³⁾ Due to that the failure of the substrate varies too much no reproducible values can be given.