

# Loads

## Universal plug UX

Highest recommended loads<sup>1)</sup> for a single anchor.

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

Type		UX 5 x 30	UX 6 x 35	UX 6 x 50	UX 8 x 40 UX 8 x 50	UX 10 x 60	UX 12 x 70	UX 14 x 75	
Wood screw diameter	[mm]	4	5	5	6	8	10	12	
Recommended loads in the respective base material $F_{rec}^{2)}$									
Concrete	≥ C20/25	[kN]	0.30	0.40	0.60	0.60	1.00	1.50	1.80
Solid brick	≥ Mz 12	[kN]	0.20	0.20	0.30	0.30	0.50	0.70	0.80
Perforated sand-lime brick	≥ KSL 12	[kN]	0.30	0.40	0.40	0.50	0.60	0.80	0.80
Vertically perforated brick	≥ Hlz 12	[kN]	0.20	0.20	0.20	0.20	0.20	0.30	0.40
Aerated concrete	≥ AAC 4 (G4)	[kN]	0.15	0.20	0.20	0.30	0.40	0.60	0.70
Gypsum plasterboard	12.5 mm	[kN]	0.10	0.10	0.10	0.10	0.10	-	-
Gypsum plasterboard	25 mm	[kN]	0.10	0.15	0.15	0.15	0.15	-	-
Gypsum fibreboard	(Fermacell)	[kN]	0.20	0.20	0.20	0.20	0.25	-	-
Gypsum block	$\rho \geq 0.9 \text{ kg/dm}^3$	[kN]	-	-	-	0.15	0.35	0.45	0.50

<sup>1)</sup> Required safety factors are considered.

<sup>2)</sup> Valid for tensile load, shear load and oblique load under any angle.