

Loads

Universal plug UX Green

Recommended loads¹⁾ for a single anchor.

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

Type		UX Green 6 x 35	UX Green 6 x 50	UX Green 8 x 50	UX Green 10 x 60	UX Green 12 x 70	
Wood screw diameter	[mm]	5	5	6	8	10	
Recommended loads in the respective base material $F_{rec}^{2)}$							
Concrete	≥ C20/25	[kN]	0.40	0.60	0.60	1.00	1.50
Solid brick	≥ Mz 12	[kN]	0.20	0.30	0.30	0.50	0.70
Perforated sand-lime brick	≥ KSL 12	[kN]	0.40	0.40	0.50	0.60	0.80
Vertically perforated brick	≥ HLz 12	[kN]	0.20	0.20	0.20	0.20	0.30
Aerated concrete	≥ AAC 4	[kN]	0.20	0.20	0.30	0.40	0.60
Gypsum plasterboard	12.5 mm	[kN]	0.10	0.10	0.10	0.10	-
Gypsum plasterboard	25 mm	[kN]	0.15	0.15	0.15	0.15	-
Gypsum fibreboard	(Fermacell)	[kN]	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

¹⁾ Required safety factors are considered. 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⁾ Valid for tensile load, shear load and oblique load under any angle.