

# Loads

## Washbasin WST II in combination with DuoPower

Recommended loads<sup>1)2)</sup> for a single anchor.

Type		WST II
Screw	[mm]	10 x 140
DuoPower plug	[mm]	12 x 60
Recommended load in the respective base material $F_{rec}$		
Concrete	≥ C20/25	[kN] 2.20
Solid brick	≥ Mz 12	[kN] 1.30
Solid sand-lime brick	≥ KS 12	[kN] 2.20
Aerated concrete	≥ AAC 2	[kN] 0.20
Aerated concrete	≥ AAC 4	[kN] 0.80
Vertically perforated brick	≥ HLz 12; $\rho \geq 0.9 \text{ kg/dm}^3$	[kN] 0.35
Perforated sand-lime brick	≥ KSL 12; $\rho \geq 1.6 \text{ kg/dm}^3$	[kN] 0.75
Hollow lightweight concrete blocks	≥ Hbl 2	[kN] 0.20

<sup>1)</sup> Required safety factor are considered. Load values apply when using the supplied plug, the stud screws and considering a total ceramic tile thickness (tile + tile adhesive + bonded sealant) of maximum 14 mm.

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