

# Loads

## Frame fixing SXR

Recommended loads<sup>1)</sup> of a single anchor as part of a multiple fixing of non-structural systems.  
The given loads are valid for wood screws with the specified diameter.

Type		SXR 6	SXR 8
Screw diameter	[mm]	4.5	6.0
Anchorage depth	$h_{\text{nom}}$ [mm]	30	50
Minimum edge distance concrete	$c_{\text{min}}$ [mm]	50	60
Recommended loads in the respective base material $F_{\text{rec}}^{2)}$			
Concrete	$\geq$ C20/25	[kN] 0.25	0.40
Solid brick	$\geq$ Mz 12	[kN] 0.20	0.30
Solid sand-lime brick	$\geq$ KS 12	[kN] 0.20	0.30
Vertically perforated brick	$\geq$ Hlz 12; $\rho \geq 1.0$ [kg/dm <sup>3</sup> ]	[kN] 0.10	0.10
Perforated sand-lime brick	$\geq$ KSL 12	[kN] 0.20	0.30

<sup>1)</sup> Valid for zinc coated screws (gvz) and for screws made of stainless steel (R). For exterior use of the zinc coated screws measures against incoming humidity have to be taken. Required safety factors are considered.

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