

Frame fixing SXRL 8

Recommended loads¹⁾²⁾³⁾ for a single anchor as part of a multiple fixing of non-structural systems.

The given loads are valid for wood screws acc. DIN 571 with the specified diameter.

Type		SXRL 8		
Screw diameter	[mm]	6.0	6.0	6.0
Anchorage depth	h_{nom} [mm]	50	70	90
Minimum edge distance concrete	c_{min} [mm]	60	80	100
Recommended loads in the respective base material $F_{rec}^{2)}$				
Concrete	$\geq C20/25$ [kN]	0.60	1.00	1.00
Solid brick	$\geq Mz 12$ [kN]	0.45	0.60	0.60
Solid sand-lime brick	$\geq KS 12$ [kN]	0.40	0.50	0.50
Vertically perforated brick	$\geq HLz 12; \rho \geq 1.0 [kg/dm^3]$ [kN]	0.15	0.15	0.15
Perforated sand-lime brick	$\geq KSL 12$ [kN]	0.10	0.40	0.40
Aerated concrete	AAC 2 [kN]	–	0.10	0.10
Aerated concrete	AAC 4 [kN]	–	0.15	0.20

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.

³⁾ 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.