

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 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.

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.