

LOADS

Frame fixing SXRL³⁾

Highest recommended loads¹⁾ 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		
Anchorage depth	h_{nom}	[mm]	50	70	90
Screw diameter	\emptyset	[mm]	6,0	6,0	6,0
Min. edge distance concrete	a_r	[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	$\geq Hlz 12$ ($\rho \geq 1,0 \text{ kg/dm}^3$)	[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 and for screws made of stainless steel. For exterior use of the zinc coated screws measures against incoming humidity have to be taken.