

MiTek Stock No.	Ref. No.	GA	Plate Size	Fastener Schedule ⁴				Installation Type	Concrete ³	DF/SP Allowable Loads (Lbs.) ^{1,2}			
				Sill Plate		Stud Qty	Type			Uplift 160%	F1 160%	F2 160%	F3 160%
				Side Qty	Top Qty								
Wind and ASCE Seismic Design A & B													
FA4	MASA	16	Single 2x	3	6	--	10d x 1-1/2	Standard	Uncracked	905	1460	1070	655
				Cracked	750	1225			750	585			
				3	3	3		One-Tab-Up	Uncracked	780	955	1070	515
				Cracked	750	955			755	515			
			Single 3x	5	4	--	10d x 1-1/2	Standard	Uncracked	1070	1130	--	--
				Cracked	750	1130	--		--				
			Varies	9	--	--	10d x 1-1/2	Two-Tabs-Up	Uncracked	1070	650	650	400
				Cracked	750	650	650		400				
ASCE Seismic Design C-F													
FA4	MASA	16	Single 2x	3	6	--	10d x 1-1/2	Standard	Uncracked	875	1460	875	655
				Cracked	655	1075			655	510			
				3	3	3		One-Tab-Up	Uncracked	780	955	875	515
				Cracked	655	955			655	510			
			Single 3x	5	4	--	10d x 1-1/2	Standard	Uncracked	875	1130	--	--
				Cracked	655	1075	--		--				
			Varies	9	--	--	10d x 1-1/2	Two-Tabs-Up	Uncracked	875	650	650	400
				Cracked	655	650	650		400				

1) Allowable loads have been increased 60% for wind and seismic loads; no further increase shall be permitted.

2) Allowable loads are based on a minimum stemwall thickness of 6", minimum distance from the end of the concrete wall of 4" and minimum anchor spacing of 8".

3) Minimum concrete strength f'c = 2,500 psi.

4) **NAILS:** 10d x 1-1/2 nails are 0.148" dia. x 1-1/2" long.