

MiTek Stock No.	Ref. No.	Sill Plate	Fastener Schedule ⁶				Rim Board Material	DF/SP Allowable Load (Lbs.) ^{1,2}						Hem-Fir Allowable Load (Lbs.) ^{1,2}						
			Sill Plate		Rim Board			F1 ^{3,4}			F2 ^{3,4}			F1 ^{3,4}			F2 ^{3,4}			
			Qty	Type	Qty	Type		90%	100%	160%	90%	100%	160%	90%	100%	160%	90%	100%	160%	
FWAN-TZ	FWANZ	Centered on Joist/Blocking																		
		2x4, 2-2x4, 3x4, 4x4	8	10d x 1-1/2 HDG	4	10d x 1-1/2 HDG	1-1/8" OSB	415	415	415	915	1000	1070	330	330	330	800	855	855	
							2x Rim	455	500	525	915	1000	1385	420	420	420	800	870	1110	
							1-3/4" LVL	455	500	525	915	1000	1385	420	420	420	800	870	1110	
		2x6, 2-2x6, 3x6, 4x6	12	10d x 1-1/2 HDG	4	10d x 1-1/2 HDG	1-1/8" OSB	415	415	415	1370	1500	1475	330	330	330	1180	1180	1180	
							2x Rim	455	500	525	1370	1500	1660	420	420	420	1200	1310	1330	
							1-3/4" LVL	455	500	525	1370	1500	1660	420	420	420	1200	1310	1330	
		Offset from Joist Blocking (Max Offset 4")																		
		2x4, 2-2x4, 3x4, 4x4	8	10d x 1-1/2 HDG	4	10d x 1-1/2 HDG	1-1/8" OSB	415	415	415	525	525	525	330	330	330	420	420	420	
							2x Rim	455	500	525	915	995	995	420	420	420	795	795	795	
							1-3/4" LVL	455	500	525	915	995	995	420	420	420	795	795	795	
		2x6, 2-2x6, 3x6, 4x6	12	10d x 1-1/2 HDG	4	10d x 1-1/2 HDG	1-1/8" OSB	415	415	415	525	525	525	330	330	330	420	420	420	
2x Rim	455						500	525	995	995	995	420	420	420	795	795	795			
1-3/4" LVL	455						500	525	995	995	995	420	420	420	795	795	795			

- 1) Allowable loads have been reduce 10% for permanent sustained loads, no further reduction is required.
- 2) Allowable loads have been increased 60% for wind or seismic loads; no further increase shall be permitted.
- 3) F1 loads are parallel to the sill plate.
- 4) F2 loads are perpendicular toward the sill plate.
- 5) The designer must specify the type, size and spacing of fasteners connecting the sill plate to the foundation wall.
- 6) **NAILS:** 10d x 1-1/2 nails are 0.148" dia. x 1-1/2" long.