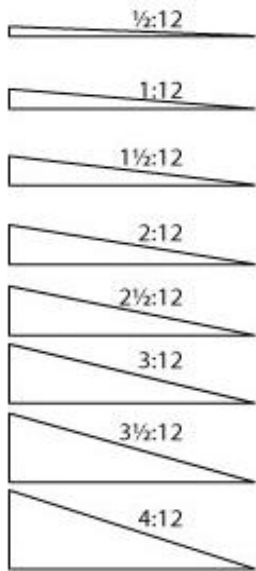
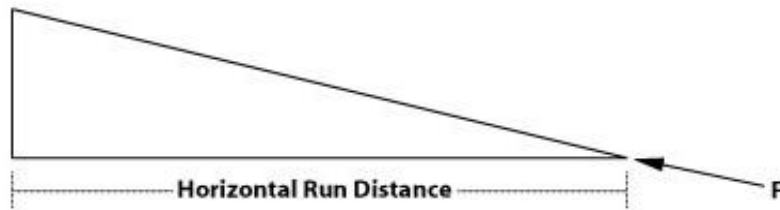


Force Against Roof Edge for 30 PSF (LiveRoof Standard)
 Plus 30 PSF Snowload Expressed in pounds per linear foot

Coefficient of friction (μ) assumed to equal zero



Roof Slope			Force Against Roof Edge F (plf)				
			Horizontal Run Distance (ft)				
			10	20	30	40	50
1/2:12	4.20%	2.4°	26	50	76	100	126
1:12	8.30%	4.8°	50	100	152	202	252
1 1/2:12	12.50%	7.1°	74	150	224	298	374
2:12	16.70%	9.5°	100	200	302	402	502
2 1/2:12	21.00%	11.8°	126	250	376	502	628
3:12	25.00%	14°	150	300	448	598	748
3 1/2:12	29.20%	16.3°	176	350	526	702	878
4:12	33.30%	18.4°	200	400	598	798	998



ILLUSTRATIONS ARE TO CONCEPTUALLY ASSIST PROFESSIONALS IN DESIGN OF LIVEROOF APPLICATIONS.
 LIVEROOF DOES NOT ACCEPT RESPONSIBILITY FOR ENGINEERING BASED ON INFORMATION PROVIDED.
 A QUALIFIED STRUCTURAL ENGINEER SHOULD BE CONSULTED TO DETERMINE SUITABLE DESIGN.

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