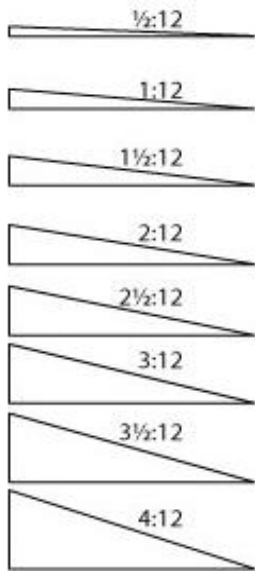
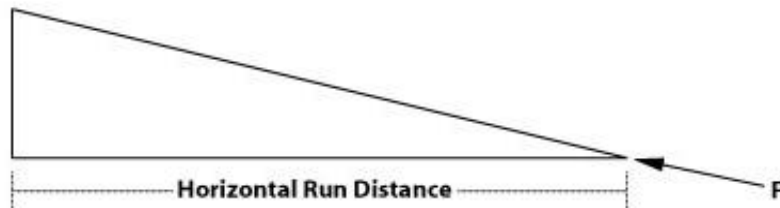


Force Against Roof Edge for 50 PSF (LiveRoof Deep)
 Plus 30 PSF Snowload Expressed in pounds per linear foot

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°	35	67	101	133	168
1:12	8.30%	4.8°	67	133	203	269	336
1 1/2:12	12.50%	7.1°	99	200	299	397	499
2:12	16.70%	9.5°	133	267	403	536	669
2 1/2:12	21.00%	11.8°	168	333	501	669	837
3:12	25.00%	14°	200	400	597	797	997
3 1/2:12	29.20%	16.3°	235	467	701	936	1171
4:12	33.30%	18.4°	267	533	797	1064	1331



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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