

WATTS #1



Roof Slope and Roof Pitch.

Roof slope and pitch are often used as if they mean the same thing, this is not entirely correct. Either term can be used to describe the slant of a roof, however, slope refers to a ratio of **rise** to **run**. Pitch refers to a ratio of **rise** to **span**.

Slope: As you see in Figure 1, for every 12" unit of **Run** (horizontal) there is a 6" unit of **Rise** (vertical). This is expressed as 6/12 and pronounced six twelve or six in twelve slope.

Pitch: As in Figure 1, the total **rise** is 2'6" and the **span** is 10'. The pitch is expressed as a ratio, 2.5:10 or ¼ or .25 pitch.

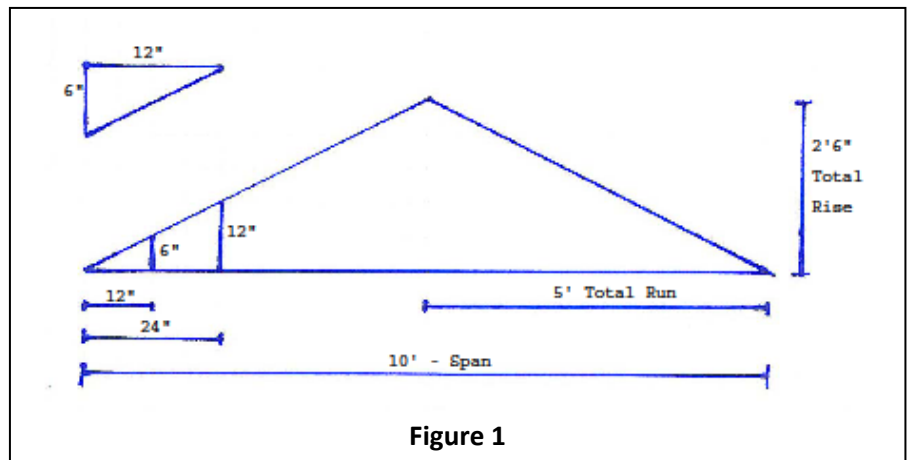


Figure 1

Roof Coverage: To calculate total roof area, determine the flat square footage, i.e. square foot of floor under the roof, then multiply by the factor for the corresponding slope in Table 1.

Slope (in/12)	Factor
3	1.031
4	1.054
5	1.083
6	1.118
7	1.158
8	1.202
9	1.25
10	1.302
12	1.414

Table 1

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