



# Board Feet When you are figuring up board feet, keep in mind a waste factor. If you purchase good clear material add about 15% for waste, if you elect to use lower grade material you will have to allow for defects and more wasted material ---add about 30%.

### **Board Feet**

Bd. Ft. = T (inches) x W (inches) x L (feet) / 12

Bd. Ft. = T (inches) x W (inches) x L (inches) / 144

# **Board Feet and Linear feet**

• A **linear foot** is a measure of <u>length 12 inches</u> long and a

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- board foot is a number calculated by determining the volume of a board that is 12 inches wide and 1 inch thick.
  - In other words, a 1" x 6" board that measures 24" long is exactly one board foot.
    - (width" x thickness" x length' / 12)



### **Linear feet and Square Feet**

- A Linear Feet is just a measurement of <u>length</u> and does not take into account its width or thickness.
- Square Feet <u>measures area</u>, simply width x length.

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# The math.... It is not possible to <u>convert linear footage into</u> square footage because a linear foot is only one dimension and a square foot is two dimensions, and additionally, a "board foot" is an example of three dimensions. However, if you know the <u>linear footage</u> as well as the width, you can divide the width by 12 and multiply by the linear footage - that should give you the square footage of a particular bundle of flooring. To convert square feet to linear feet: square feet / width of board in feet = linear feet

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# **Square Foot**

- SQUARE FOOTAGE A unit of measurement to determine that total amount of flooring required for a given area. It is how much surface a milled wood product will cover.
- In practice, <u>calculate by multiplying the length times</u> <u>the width of the space</u>.
- For the purpose of determining the amount of square footage per width in a given flooring bundle,
- calculate by dividing the width of the flooring by 12 and then multiplying be the total linear footage (length of layers x number of layers)."

# Materials...

- Plywood, hardboard, particle board and other sheet material are sold by the Square foot.
- Moldings, trim, dowel rods, wood siding / paneling and similar materials are sold by the Linear foot.

