

WORD OF THE DAY

BOARD FOOT IS A
MEASUREMENT OF LUMBER VOLUME.

A **BOARD FOOT** IS EQUAL TO 144 CUBIC INCHES OF MATERIAL.

1"X 12"X 12"

CALCULATING BOARD FEET

THICKNESS X WIDTH X LENGTH / 144

(ALL MEASUREMENT WILL BE IN INCHES)

UNDERSTANDING THICKNESS OF HARDWOODS

*ALL MEASUREMENTS ARE ROUGH SAWN

- 3/4 = .75 INCH
- 4/4 = 1.00 INCH
- 5/4 = 1.25 INCHES
- 6/4 = 1.50 INCHES
- 7/4 = 1.75 INCHES
- 8/4 = 2.00 INCHES

CALCULATING BOARD FEET

THICKNESS X WIDTH X LENGTH / 144

(ALL MEASUREMENT WILL BE IN INCHES)

EX. 4/4 MATERIAL

$$1" \times 4" \times 96" \\ 384 / 144 = 2.67 \text{ BF}$$

EX. 8/4 MATERIAL

$$2" \times 7 \frac{1}{2}" \times 60" \\ 900 / 144 = 6.25 \text{ BF}$$

CALCULATING BOARD FEET

THICKNESS X WIDTH X LENGTH / 144

(ALL MEASUREMENT WILL BE IN INCHES)

EX. 5/4 MATERIAL

1 1/4" X 9 1/4" X 96"

$$1110/144 = 7.71 \text{ BF}$$

EX. 3/4 MATERIAL

.75" X 6 1/2" X 120"

$$585/144 = 4.06 \text{ BF}$$

HOW MUCH DOES MATERIAL COST?

BOARD FEET X PRICE PER BF = TOTAL
COST OF MATERIAL

EX. 4/4 RED OAK MATERIAL

1" X 10 1/2" X 84"

$$882/144 = 6.125 \text{ BF}$$

COST OF OAK = \$2.75/BF

$$\$2.75 \times 6.125 = \$16.84$$