

Yardage Calculation

How To Calculate Area:

Square/Rectangle = Length (ft) x Width (ft)

Triangle (Right Angled) = Base (ft) x Height (ft) divided by 2

Circle Area = Pi (3.14) x Radius (diameter divided by 2) x Radius

How To Calculate Yardage:

(Best for Soils, Mulches and HPB)

Area (in square feet) x Depth (inches), divided by 12

(gives cubic ft), divided by 27 (gives cubic yards)

How To Calculate Tonnage:

(Best for Sand, Gravel and Limestone)

Area (in square feet) x Depth (inches), divided by 200 x 1.103

(gives metric tonnes)

Metric tonnes can be converted to approximate yardage by dividing metric tonnes by 1.3 (gives cubic yards)

Material Conversions (Soil and Mulch)

1"	325 Square Feet
2"	162 Square Feet
3"	108 Square Feet
4"	81 Square Feet
5"	65 Square Feet
6"	54 Square Feet
12"	27 Square Feet

Material Conversions (Compacted Gravel Coverage)

1"	235 Square Feet
2"	117 Square Feet
3"	79 Square Feet
4"	59 Square Feet
5"	47 Square Feet
6"	39 Square Feet
12"	20 Square Feet

Random Flagstone Coverage Per Ton (2000 Pounds)

1/2"	225 Square Feet
3/4"	125 Square Feet
1- 1 1/4"	100 Square Feet
1 1/2" - 1 3/4"	70 Square Feet
2" - 3"	50 Square Feet

How Much Does A Rock Weigh?

Each Cubic Foot of Rock Weighs Approximately:

Limestone	Granite	Sandstone
165 lbs/ cu. ft	175 lbs/ cu. ft	150 lbs/cu. ft

How to Calculate Armour Stone Wall:

Length (ft) x Height (ft) x Depth (ft) = Cubic Ft

Cubic Ft x Weight of Rock Per Cubic Ft =
Estimated Wall Weight (lbs)



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