



Peninsula Building Materials Co.

Formulas...

- There are 2000 pounds in a ton.
- For most bulk materials, number of yards x 1.5 = number of tons.
- Area of a square or rectangle = width x length
- Area of a circle = 3.14 x radius squared
- Circumference of a circle = 3.14 x diameter
- Volume of a cube = width x length x height
- Volume of a tube = 3.14 x radius squared x height
- There are 27 cubic feet in a cubic yard.

Formula for Mortar

3 Parts Sand
1 Part Common Cement
1/2 Part Lime

Formula For Stucco

4 Parts Sand
1/2 Part Common Cement
1/2 Part Plastic Cement
Or
1 Part Premium Plastering Cement

Formula For Figuring Amount Of Stucco Needed

Square footage divided by 9 = square yards
Square yards divided by 6 = # of sacks needed
Of sacks needed x 400 = lbs of sand needed

Material Needed for 1000 Brick or 500 8x8x16 Block

1 Ton Sand
6 Sacks Common Cement
3 Sacks Lime

Coverage

1 Gallon of Plasterweld or Weldcrete Will Cover
Approx. 200 SQ FT

MASONRY SHOWROOM
Mountain View: (877) 282-0522

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1 Yard of Most Bulk Materials Will Cover

- 320 SQ FT @ 1 inch thick
- 160 SQ FT @ 2 inch thick
- 120 SQ FT @ 3 inch thick
- 80 SQ FT @ 4 inch thick

1 Ton of Flagstone Will Cover

- Approx. 120 SQ FT @ 1 1/4 inch thick
- Approx. 100 SQ FT @ 1 1/2 inch thick
- Approx 75 SQ FT @ 2 inch thick

1 Ton Of Most Wallrock Will Cover

Approx. 35 SQ FT

Square Foot per Piece of Cut Stone

Length x Width (in inches) divided by 144 = SQ FT per piece

Aproximate Weight / Coverage For Natural Stone		
Thickness in Inches	Pounds per SF	Approx. Coverage per Ton
1/2	6.75	300
3/4	10.12	200
1	13.5	150
1 1/4	16.87	120
1 1/2	20.25	100
1 3/4	23.62	85
2	27	75
2 1/2	33.75	60
3	40.5	50
4	55	36
5	67.5	30
6	81	25
7	94.5	21
8	108	18

Concrete Requirements For Sonotube	
Column Diameter (Inches)	Cubic Yard Concrete Per foot of height
6	.0073
8	.0129
10	.0202
12	.0291
14	.0396
16	.0617
18	.0654
20	.0808
22	.0978
24	.1164
26	.1386
28	.1584
30	.1818
32	.2069
34	.2335
36	.2618

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