PACKAGING GUIDE

FORMULAS

27 cubic feet = 1 cubic yard
1 ton = 2000 lbs
1 acre = 43,600 sq ft
Area of a circle = radius x radius x 3.14
Circle circumference = diameter x 3.1
Cubic yd = (W' x L' x D" x 144) / 46656
MIXING MORTAR
6 Shovels of sand / 2 cement / 1 lime
MIXING CONCRETE
(4 Sack) 4 shovels sand & gravel/ 1 cement
(5 Sack) 3 shovels sand & gravel/ 1 cement
BLOCK
1 yd concrete fills 100, 8-8-16 blocks

COVERAGE

Exposed Aggregate: Seed Rock	
1/4" or 3/8"	2 lbs/sq ft
1/2"	2.5 lbs/sq ft
3/4" - 1"	3.5 lbs/sq ft
178 dry gal	1 yd
5 gal	0.029 yd
10 gal	0.056 yd
15 gal	0.084 yd
20 gal	0.11 yd
25 gal	0.14 yd

CUBIC YARD COVERAGE

For compaction ADD 20%

Depth	Sq ft
1"	324
1.5"	216
2"	162
3"	108
4"	81
5"	65
6"	54
12"	27

COVERAGE (Cont.)

BRICK COVERAGE	
Veneer (wall)	6-7 bricks/ sq ft
Paving (flat)	4.5 bricks/sq ft
BAGGED GOODS COVERAGE (approx)	
1 Bag = 100lbs= 1 cubic ft	
80 LBS MASON MIX COVERAGE	
16 sq ft @ 1/2" deep	
12 sq ft @ 3/4" deep	
8 sq ft @ 1" deep	

PLEASE NOTE

All calculations are approximate and may vary slightly.

RIVER COBBLES/TON	
Large (6-12")	30-40 sq ft
Small (2-6")	70-80 sq ft
Linear footage varies depending on size of stone	
FIELDSTON-WALLSTONE/TON	
Head size: 30-40 sq ft (single row)	
15-20 sq ft (double thick dry stack walls)	
LEDGESTONE/TON	
3"-5" -> 30-40 sq ft.	
FLAGSTONE/TON	
2" minus	50-80 sq ft
1 1/2"	80-100 sq ft
1 1/4" minus	110-140 sq ft
1" minus	120-160 sq ft
3/4"	130-170 sq ft
1/2"	180-200 sq ft

Sand set flagstone should be a minimum of 1 1/4" thick

Any flagstones or slate under 1 1/4" thick should be mortared

WEIGHT

Weights will vary due to moisture

Material	Weight
Delta/PG&E sand	2800
River/Plaster Sand	2800
Oly Sand	2800
Concrete Mix	3250
3/8" Pea Gravel	2560
3/4" River Rock	2560
3/4" Base rock	2800
3/4" Drain Rock	2160
3/8" Minus Green Teal	2950
3/8" Salt & Pepper	2560
3/4,1 1/2" Salt & Pepper	2600
3/8 & 3/4" Yuma Trinity	2600
Noyo Cobble (Lrg & smll)	2920
3/8, 1/2" Pami Pebble	2560
1/4" x 10 Pacific Gold	2550
3/8" Pacific Gold	2360
3/8" Salmon Bay	2560
5/16 Minus Lava Rock	2600
Soil Mixes	1300
Amended Soil	1650
Mushroom Compost	1275
Decomposed Granite	2880

CONTACT US TODAY!

If you have any questions or would like professional expertise, please contact the team at SBI and we would love to help you!

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