



### BLOCK

3 Bags Mortar per 100 Block (35 Block per Bag)  
1000 lb. Sand per 100 Block  
1.125 Block per sq. ft. of Wall Area  
75% of Wall Length give Block per Course  
Number of Courses = 1.5 X Height of wall  
Glass Block 25-8x8's per Bag Mortar  
Brick weight (average) 3.56lbs. std size  
4.35lbs. oversized

### BRICK

Approx. 7 Bag of Mortar per 1000 Brick  
Approx. 1 Ton Sand per 1000 Brick  
Figure 7 Brick per Sq. Ft. (Allows for Waste)  
4.625 Courses Brick per foot of Wall Height  
5 Brick per Sq.Ft. for Pavers, Hearths

### CEMENT PLASTER

1/4" Thick (100sq.ft.) 220 lb. Sand & .8 Bag Mortar  
3/8" Thick (100sq.ft.) 330 lb. Sand & 1.2 Bag Mortar  
1/2" Thick (100sq.ft.) 440 lb. Sand & 1.6 Bag Mortar

### CONCRETE

For 3000 psi:3-2-1 Mix—1 Ton Gravel, 1/2 Ton Sand,  
6 Bags Cement, 1-Portland, 2-Sand, 3-Parts Gravel

### FIRE CLAY

1 Part Fire Clay to 1 Part Cement

### MORTAR

Mix 1 Part Mortar to 2-1/2 Parts Sand

### PLASTIC PIPE

Approx. 100lbs Gravel per Running foot of Pipe

### SAND/GRAVEL

Gravel: 1.35 tons or 2700 lbs per cubic yard  
Sand: 1.08 tons or 2160 lbs per cubic yard

### SUREWALL

50lb. bag covers approx. 25 Block Both Sides  
1/8" Thick

### TAMOSEAL

50lb. bag approx. covers 200 sq.ft.

### WALLTIES

1 per every 10 Brick (100 Wall Ties per 1000 Brick)

### ZONOLITE

4 Cu.Ft. Bag Fills Approx. 9-12" Block or 16-8" Block  
12" Block yields 11.5 R-value  
8" Block yields 7.14 r-value