

CONCRETE RULES OF THUMBS

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

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