



ABC Block & Brick Estimating Guide

Masonry Estimating Guidelines:

This estimating guide is a "rule of thumb" calculator intended to assist users in planning for the correct amount of materials required for a particular project.

NOTE: Approximately 5% to 10% should be added to all quantities for breakage, spillage and errors. *ABC Block & Brick makes no guarantees to the accuracy of any estimates based on the information provided in this guide, and takes no responsibility for its use.*

Masonry Estimating Guide

Brick and Block Unit Quantities

8" Half High Block	2.25 block per SF of wall area
Standard Block (4", 8", 10", 12")	1.125 block per SF of wall area
Modular Brick	7 brick per SF of wall area
Queen Size Brick	6 brick per SF of wall area
King Size Brick	5 brick per SF of wall area
3x10 Size Brick	4.3 brick per SF of wall area
Estate Size Brick	3.8 brick per SF of wall area
Utility Brick	3 brick per SF of wall area

Mortar Quantities

Block	3 bags per 100 block
Modular Size Brick	7 bags per 1000 brick
Queen Size Brick	8 bags per 1000 brick
King Size Brick	8 bags per 1000 brick
3x10 Size Brick	8 bags per 1000 brick
Estate Size Brick	9 bags per 1000 brick
Utility Brick	10 bags per 1000 brick
Stick on Stone	1 bag per 40 SF for stick and grout

Sand Quantities

Sand	1 CY per 7 bags mortar
	1 yard sand=1.25 tons
	1 yard sand per 1,000 brick
	1 yard sand per 200 blocks

Pro Mix Quantities – Estimation guide per 80lb bag

Brick

Modular	41 brick per bag
Queen Size	35 brick per bag
King Size	31 brick per bag
3x10 Size	29 brick per bag
Estate Size	27 brick per bag
Utility Size	25 brick per bag

Block

4" Block	16 block per bag
6" Block	14 block per bag
8" Block	13 block per bag
12" Block	11 block per bag

Stone Veneer

Adhering Stone Veneer	25 sq. ft.
Jointing Stone Veneer	25 sq. ft.
Adhering & Jointing	13 sq. ft.

Stucco/Scratch Coat

20 sq. ft. at 3/8"

Horizontal Wall Reinforcing Quantities

Horizontal wall reinforcing for block SF/1.33
Every other course or every 16"

Cavity Fill Insulation Quantities

Cavity Fill Insulation
4 CF per bag

Estimated Volume Required To Fill Core Voids in Block

6" x 8" x 16"	2 core	0.17 CF/block
8" x 8" x 16"	2 core	0.25 CF/block
10" x 8" x 16"	2 core	0.33 CF/block
12" x 8" x 16"	2 core	0.39 CF/block

Approximate Concrete Required to Fill Bond Beam Lintels (BBL)

6" x 8" x 16"	BBL	0.173 CF concrete per LF
8" x 8" x 16"	BBL	0.22 CF concrete per LF
8" x 8" x 16"	Deep BBL	0.46 CF concrete per LF
12" x 8" x 16"	BBL	0.37 CF concrete per LF
12" x 8" x 16"	Deep BBL	0.74 CF concrete per LF