



TITAN AMERICA BLOCK ESTIMATING GUIDE

The figures shown below are intended for "rule of thumb" use only.

UNIT QUANTITIES		
2 1/2 High Block (2 1/4x8x16)		3.10 block per SF of wall area
Half High Block (4x4x16)		2.25 block per SF of wall area
Standard Block (4", 8", 10", 12")		1.125 block per SF of wall area
Face Brick Modular		7.0 brick per SF of wall area
Oversize Brick		6.0 brick per SF of wall area
Utility Brick		3.0 brick per SF of wall area
MORTAR QUANTITIES		
Block		3 bags per 100 block
Face Brick Modular		7 bags per 1000 brick
Oversized Brick		8 bags per 1000 brick
Utility Brick		10 bags per 1000 brick
SAND QUANTITIES		
Sand		1 CY per 7 bags mortar
HORIZONTAL WALL REINFORCING QUANTITIES		
Horizontal Wall Reinforcing		SF/1.33
CAVITY FILL INSULATION QUANTITIES		
Cavity Fill Insulation		4 CF per bag
APPROXIMATE VOLUME REQUIRED TO FILL CORE VOIDS IN BLOCK		
6x8x16	2 core	0.17 CF/block
8x8x16	2 core	0.25 CF/block
10x8x16	2 core	0.33 CF/block
12x8x16	2 core	0.39 CF/block

APPROXIMATE QUANTITY OF CONCRETE REQUIRED TO FILL BOND BEAM LINTELS (BBL)

6x8x16	BBL	0.173 CF concrete per LF
8x8x16	BBL	0.22 CF concrete per LF
8x8x16	DEEP BBL	0.46 CF concrete per LF
12x8x16	BBL	0.37 CF concrete per LF
12x8x16	DEEP BBL	0.74 CF concrete per LF

TYPICAL CONCRETE MASONRY UNIT DIMENSIONS

Nominal		Actual Unit Size		Faceshell Thickness ^(a)		Web Thickness ^(a)	
Inch-Pound (in.)	Metric (mm)	Inch-Pound (in.)	Metric (mm)	Inch-Pound (in.)	Metric (mm)	Inch-Pound (in.)	Metric (mm)
4x8x16	102x203x406	3 5/8 x 7 5/8 x 15 5/8	92x194x397	3/4	19	3/4	19
6x8x16	152x203x406	5 5/8 x 7 5/8 x 15 5/8	143x194x397	1	25	1	25
8x8x16	203x203x406	7 5/8 x 7 5/8 x 15 5/8	194x194x397	1 1/4	32	1	25
10x8x16	254x203x406	9 5/8 x 7 5/8 x 15 5/8	244x194x397	1 3/8	35	1 1/8	29
12x8x16	305x203x406	11 5/8 x 7 5/8 x 15 5/8	295x194x397	1 1/2	38	1 1/8	29