



## TITAN AMERICA BLOCK ESTIMATING GUIDE

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

<b>UNIT QUANTITIES</b>		
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	
<b>MORTAR QUANTITIES</b>		
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	
<b>SAND QUANTITIES</b>		
Sand	1 CY per 7 bags mortar	
<b>HORIZONTAL WALL REINFORCING QUANTITIES</b>		
Horizontal Wall Reinforcing	SF/1.33	
<b>CAVITY FILL INSULATION QUANTITIES</b>		
Cavity Fill Insulation	4 CF per bag	
<b>APPROXIMATE VOLUME REQUIRED TO FILL CORE VOIDS IN BLOCK</b>		
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 <sup>(a)</sup>		Web Thickness <sup>(a)</sup>	
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