
Pricing Masonry

Masonry Cost

- **Cost of Material**
 - Cost of masonry units
 - Cost of Mortar
 - Cost of accessories (Scaffolding, connectors, sealants, flashing, vapor barriers, lintels)
- **Cost of labor for installation**
- **Cost of equipment for used for masonry materials: handling, mixing, erecting, dismantling.**

Masonry Productivity

- Type of structure: (productivity for long plain wall is higher than column wall, column)
- Standard of workmanship (finishing work/covered work)
- Type of bond used
- Size and weight of masonry unit (units of same size but heavier will required more time)
- Complexity of design

Masonry Productivity

CREW: 1.0 Foreman
3.0 Bricklayers
2.0 Laborers

ITEM	OPERATION	OUTPUT	
1.	Brickwork Backup Walls	0.210—0.275 M units/hr.	0.210—0.275 M units/hr.
2.	4" Facing Bricks	0.190—0.225 M units/hr.	0.190—0.225 M units/hr.
3.	8" Block Walls	45—103 Blocks/hr.	45—103 Blocks/hr.
4.	10" Block Walls	42—98 Blocks/hr.	42—98 Blocks/hr.
5.	12" Block Walls	40—92 Blocks/hr.	40—92 Blocks/hr.
6.	Extra Over for 8" Bond Beams	100—150 ft/hr.	30—46 m/hr.
7.	Extra Over for 10" Bond Beams	70—110 ft/hr.	21—34 m/hr.
8.	Extra Over for 12" Bond Beams	45—80 ft/hr.	14—24 m/hr.
9.	Masonry Ties	700—800 Ties/hr.	700—800 Ties/hr.
10.	Control Joint in 8" Wall	220—300 ft./hr.	67—91 m/hr.
11.	Horizontal Ladder Reinforcing	2100—2200 ft./hr.	640—670 m/hr.
12.	Loose Insulation to Blockwork	7.0—9.0 cu. yd./hr.	5.4—6.9 m ³ /hr.

Figure 12.1 Masonry Work Productivities