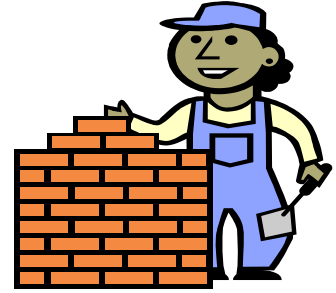


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# BrickSync

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2 1/4" emperor brick (Slatestone)



2 1/4" emperor brick (Mission San Jose)



4" emperor brick (Copperstone)



8"x8"x16" super emperors



Mason contractors laying 8"x4"x16" structural thru wall brick

## Many of our clients often ask for clarification

in regards to how brick sizes equate into square footage numbers. This publication will serve as a reference for brick sizes as well go one step further by discussing masonry production figures. In case you weren't paying attention, understanding masonry production figures will help you save money!!!

The two most common sizes of brick are modular (found on residential and commercial projects) and utility size brick (commercial projects). These brick are 6.75 and 3.0 units per square foot respectively. Oversize brick are gaining popularity and can be found on many high-end brick homes. We define oversize brick as being 1/2" taller than modular brick (2 1/4") and the same length (7 5/8").

The concept behind the utility brick is

efficiency. If your mason can lay only 3 units to get a square foot of wall space as opposed to almost 7 units, the wall will not only get erected faster, but his labor costs will be less!

Large veneer brick (16" in length) takes this concept to the next level. The industry term for this size brick is "meridian" but appear in our chart as "emperor" due to our manufacturers verbiage. **Please note that 147 square feet of 4" emperors can be laid in a mason day while only 120 square feet of utilities can be laid.**

Now I know what your thinking... 4" emperor brick sounds like a great idea in place of the utilities I was going to use but won't its weight affect the production rate?" As defined by local masonry code, the 4" emperor still meets the criteria to be laid as a one

handed unit. Therefore, since this veneer does not require two hands to lay, it is much more efficient than a utility brick.

On the production list you will also find an 8"x4"x16" thru wall structural brick. The principle here is that although the mason lays this brick with two hands, he is only laying one wythe of brick as opposed to a block wythe and a brick wythe. Please refer to the publication on structural brick for more information.

We pride ourselves in being knowledgeable professionals with the information in hand that will impact your bottom line. Please ask us for a list of projects in your area that you can visit. Also noteworthy is that as masons become more familiar with laying certain sizes of brick, the better their production numbers will be!

Brick Size	Units/square foot	#Units laid per mason	
		day	Square footage per mason day
Modular	6.75	550	81
Oversize	5.8	525	91
Closure	4.5	460	102
2 1/4" Norman	4.4	430	98
Utility	3	360	120
2 1/4" emperor	3.375	395	117
4" emperor	2.25	330	147
Super emperor	1.125	160	142
8" x 4" x 16" Thru wall	2.25	**	**

-Numbers are calculated assuming that mason can lay 550 modular units (81 sq feet) per day

\*\* Thru wall brick is load bearing and therefore requires no block.