Subject: Re: Soundproofing basics
Posted by johnnycamp5 on Sat, 26 Aug 2017 13:52:52 GMT
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I'm not sure how to answer this.

But I can tell you, as a mason by trade, a four-inch concrete block wall is much more soundproof, than say a framed, 2x4 plus dry wall construction is.

Of course, a 4 inch concrete block wall can be difficult to keep plum, unless you stop every 3 feet or so to let it set up, then resuming construction the next day.

This solution is too slow for most construction projects in this country.

So, the obvious solution, is to use 6", or better yet 8" block, running it up to whatever height you need all in the same day.

Usually, standard floor to floor heights (8' to 12') are fine for laying up all at one time, start to finish.
If these walls are to be grout filled the same day, then maybe not.

By the time you build double wythe (de-coupled) wood framed walls , perhaps with constrained layer damping, or some type of limp membrane, combined with two layers of 5/8 sheet rock on both outside surfaces, you begin to equal or exceed the cost (and weight) of the CMU (concrete masonry unit) wall.

I hope this helps.