Subject: New Addition
Posted by Kingfish on Thu, 16 May 2013 19:47:59 GMT
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I'm building a new addition to my home which will be adjacent to my garage. My question is how thick should I make my walls for the best soundproofing and listening effect? This will be my writing/music room.

Subject: Re: New Addition
Posted by audioaudio90 on Thu, 30 May 2013 13:09:10 GMT
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I'm not sure how wide your wall needs to be but put some insulation in there. You could also do a double layer of drywall and you can get some whisper clips that will isolate the drywall from the studs, so vibration isn't transmitted between adjacent walls.

Subject: Re: New Addition
Posted by Chicken on Mon, 03 Jun 2013 11:14:14 GMT
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I hadn't heard of whisper clips until now, but what an ingenious idea! Any time you can isolate vibrations to the surrounding materials, it helps with soundproofing and overall quality.

Subject: Re: New Addition
Posted by audioaudio90 on Sun, 16 Jun 2013 11:30:45 GMT
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Oh yes, vibration isolation is incredibly important for soundproofing and quality. Whisper clips are a great invention. Speaker stands that isolate the speaker are good to have for clean sound as well.

Subject: Re: New Addition
Posted by gofar99 on Sun, 16 Jun 2013 21:25:05 GMT
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Hi, I used double layers on the outside (sheathing over plywood) and had the seams offset. I used 4 inch fiberglass in the walls with a poly vapor barrier. The inside surface was 1/4 inch paneling. I dropped the ceiling and used 6.5 inch fiberglass between the 2X8 joists then installed a suspended drop ceiling of absorbent backed ceiling tiles. With a thick carpet and pad on the floor. Nice isolation and the interior panels are just lively enough to keep the room from being too dead.