Subject: What material is the best for soundproofing?
Posted by smartt on Tue, 09 Apr 2024 04:58:51 GMT
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The test:

https://www.youtube.com/watch?v=HMU4V2S-feM

https://www.youtube.com/watch?v=hFQVbSCP1Cs

Subject: Re: What material is the best for soundproofing?
Posted by basscleaner on Tue, 12 Nov 2024 09:45:12 GMT
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The first of all, let us arrange about terms and determinations. To compare correctly soundproofing features we have to take into consideration how we hear and what is to be evaluated. We have to divide all sound range by three parts - Low, middle and high frequencies, because we hear them with different manner, by different sound sensibility. Maximum our sound sensibility relates to 300 - 3000 Hz, however behind and after these limits our ears "work" worse. The presentation to be shown in these two video tells us, that plywood is the best material for middle range and no more. Besides, is well known, that for middle range the main role in soundproofing belongs to the mass law. The density of plywood is bigger than others, so there is nothing to surprise for. How all the constructions will work for LF and HF damping we don't know. The second. In architectural and building acoustics there are no terms "the best or the worst" material in general. However such a determination can be used in relation to real issue, similar constructions, where all parts have their own value in cooperation between each others. There are important to know base (masonry), layers thickness and density, stiffness, air gap etc. There is the cause, why you have to take in consideration all parts of soundproofing construction, but parts separately. It is important even to know how this construction fastened. My conclusion - these videos are popular and reflects the point of view of an amateur, but expert.

Subject: Re: What material is the best for soundproofing?
Posted by Clint on Wed, 29 Jul 2026 06:29:46 GMT
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With my experience fixing noisy rooms, the best material that I would say has done the job for me quite alright is the mass loaded vinyl. I understand that others might have a different opinion in terms of which material works best, but I've never gone wrong using MLV to fix issues with noisy rooms.

I recently used in a new studio that my mentee started last two months and the result was excellent. All I did was use it in dozens of walls and cellings... the outcome was fantastic!

So, I will always recommend using MLV instead of other materials like foam panels or thick curtains that won't be able to block sound from moving through the walls. I bet you won't you don't

want to have such an experience. I will always advise that you pair the MLV with proper installation and you will figure out the difference straight away. I have used this method in many rooms and assisted my friends in doing same and it has neve failed.