

“The Law of Flexibility”

Over time we have received many good calls asking some great questions.

But below is the **most IMPORTANT question** that has been asked to date!

Please take a moment to review and discuss and share it with others. *It will save you time and your store money!*

Question: Can Sound Proof Drywall be used on top of lath & plaster, cement walls, concrete blocks or bricks?

SIMPLE Answer:

Sound Proofing Drywall MUST be able to bend. Flexibility can only happen when Sound Proofing Drywall is installed either **directly** on studs; or **indirectly** on studs [i.e. on something that is itself on studs] or at the very least, on 1 5/8” furring channel [not to be confused with resilient channel which is totally different and shouldn't be used with Sound Proofing Drywall].

DETAILED Answer:

This microscopic bending in Sound Proofing Drywall causes friction between its layers which then transforms [or converts] the acoustic noise into heat... *which of course you can't hear!*

- In other words, one way or the other, what ever the Sound Proofing Drywall is attached to, there must be some form of framing behind it.
- For example, placing Sound Proofing Drywall directly on lath & plaster is okay **IF** the L&P strapping is on studs. So you will need to confirm what is behind your L&P wall first.
- If you place Sound Proofing Drywall on ANYTHING that does not have studs or furring channel then **IT WILL NOT WORK! PERIOD!**

When you apply Sound Proofing Drywall to anything that is solid then the Sound Proofing Drywall cannot bend and therefore there will be no sound blocking value.

If there is a solid wall behind the L&P, such as poured cement, concrete blocks or bricks, your best solution at this point would be to stud a full 3 5/8 (or to furr out minimum 1 5/8”) and install Sound Proofing Drywall to maximize your sound blocking needs. As a side note, noises like “snoring” sometimes are a ‘low frequency’ issue for which the best product is something which 1” or thicker if it is a loud volume; 1/2” products don't block low frequencies at all. But for regular day-to-day sounds a 5/8” Sound Proofing Drywall board is fine.

If you go to **Education** link on this site there are many great articles for your review.

Shhh!

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