



## Common Sound Issues: Are You Experiencing Any Of These Problems?

ABSORPTION

- Speech Intelligibility    Reverberation    Sound Quality  
 Loudness    Echo    Hearing Protection

ISOLATION

- Sound Transfer    Impact Noise  
 Vibration Noise    Low Frequencies

## PROJECT SUMMARY

**Absorption:** Yes

**Isolation:** Maybe

**Install:** Moderate - Difficult

**Cost:** \$\$ - \$\$\$

## Planning Checklist

### MUST KNOW

- Room Dimensions
- Ceiling Height
- New Build or Retrofit

### GOOD TO KNOW

- Type of Lighting
- Ventilation/Ductwork
- Fire Suppression Systems
- Current Sound Treatments

## Questions to ask an Acoustic Specialist

- *What type of solution should I consider?*
- *What kind of results can I expect from this acoustic treatment?*
- *Can I solve my problem in stages, or do I have to buy all at once?*
- *How does installation work? Do I need to buy any hanging hardware or tools separately?*
- *What questions haven't I asked yet that I should ask before making a decision?*

## LEVEL OF COVERAGE

## TYPICAL APPLICATIONS

<b>Light Absorption</b> 5% - 25% of Wall Surface Area	Appropriate for live recording or listening rooms, offices, conference rooms and rooms where people gather and converse.
<b>Moderate Absorption</b> 25% - 50% of Wall Surface Area	Suits listening and control rooms that typically feature more subdued music, as well as larger business spaces. Moderate absorption of around 50 percent is a good estimate for many home theaters.
<b>Heavy Absorption</b> 50% - 100% of Wall Surface Area	Suits drum rooms, music practice space, rooms that handle high-energy music. Vocal booths and recording isolation booths require the most absorption.



## Ask yourself, What does success sound like?

Make sure you buy a solution, not a product. Your solution starts with understanding your problem and having realistic goals to attain.

## TYPE OF TREATMENT NEEDED

### **ABSORPTION: YES**

Sound absorption takes care of many sound issues at the source. Audimute's Acoustic Panels achieve results by absorbing mid and high-frequency sounds before they can scatter and distort around rooms.

### **ISOLATION: MAYBE**

Sound isolation addresses sound issues that bother people outside of the room in question. Isolation treatments either add mass to walls, or work as a constrained layer to transform sound. Either way, isolation (or "barrier") materials prevent sound from passing between neighboring areas.

### **We Recommend:**

#### **2" Thick Acoustic Panels**

**Why?** Start with a few acoustic panels; a little absorption goes a long way to improve sound quality in small spaces.

#### **If Necessary: Peacemaker Sound Barrier and/or Peacemaker Soundproofing Underlayment**

**Why?** Peacemaker Sound Barrier can be used to isolate an office space from outside noise and keep things private by preventing noise from escaping the room.

Peacemaker Soundproofing Underlayment on the floors above the office will bring relief from footfall and impact and deaden airborne sound.

## PRO TIPS: Get The Most Out of Your Sound Treatment

- Be conservative with absorption; start with a smaller percentage of coverage and add more as necessary.
- Be sure to investigate any air passage ways where sound may be escaping or entering the room, like duct work or gaps around/under doors.
- Consider treating neighboring rooms to help contain the noise.
- Add openface single batt insulation in walls and ceiling if possible.



## TAKE THE NEXT STEP

Consult with an acoustic specialist to get personalized advice  
**call us at (866) 505-6883**  
Or, if you haven't already, fill out a room analysis form at  
[AudimuteAcousticPanels.com](http://AudimuteAcousticPanels.com)



### **IF YOU CAN IMAGINE IT, THEN WE CAN CREATE IT**

At Audimute we're able to make your product exclusively your own. There are virtually no limits to what can be done in your space with our products. We have the ability to custom cut, shape, print images, color coat and more with our products. If you can imagine it, then we can create it!

