

# AUDIMUTE BUYER'S GUIDE SERIES:

**DRUM ROOM  
REHEARSAL SPACE**



## 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:** Easy - 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:**

#### **Absorption Sheets**

**Why?** Absorption Sheets help to control overall loudness inside, improving clarity, timing, and tone. They absorb the intensity of high range frequencies allowing music to sound more balanced.

#### **If Necessary: Peacemaker® Sound Barrier and Peacemaker® Soundproofing Underlayment**

**Why?** Peacemaker® Sound Barrier or Peacemaker® Soundproofing Underlayment will be needed if neighbors can "feel" the sound. Peacemaker will help isolate the low range frequencies responsible for creating the intense vibration.



### **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!

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

- Seek out and correct any air passageways as much as possible as these will be the areas sound escapes.
- Use rugs or carpet remnants on the floor for additional absorption
- Try using window plugs. A board of plywood cut to fit into a window frame works well. Make sure it's snug to reduce as much air flow as possible in order to create a temporary "wall" between the glass and the room to act as a sound barrier.
- Use a heavy amount of absorption.
- You may need to add mass and density to walls and ceilings. A sound barrier works well for this.
- Elevate amps off the ground to reduce vibration.



## 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)**

