YOUR ACOUSTIC TREATMENT

This worksheet is a simple way for beginners to diagnose acoustic problems and choose the proper acoustic treatment. Don't worry - you'll find no confusing lingo here! Simply work through the steps to gather basic information you'll need to know in order to choose and make the most of an acoustic treatment.

1. PLAN AHEAD — You should know...

Room Dimensions Length= Width=	Fire Suppression
Ceiling Height	New Build or Retrofit
Гуре of Lighting	Current Sound Treatments
Ventilation/Ductwork	

2. DIAGNOSE — What are your main sound issues?

	Echo	Sound Quality	Sound Transfer	Impact Noise	
	Loudness	Hearing Protection	Low Frequencies	Vibration Noise	
	Reverberation	Speech Intelligibility			
	If you checked these problems, you need a sound absorption product.		If you checked these problems, you need a sound isolation product.		
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3.	OPTIMIZE YOU ABSORPTION	JR — N TREATMENT	OPTIMIZE YO ISOLATION	UR — Treatment	
	A) WHAT LEVEL OF ABSORPTION DO YOU NEED?		A) TIPS FOR ISOLATION		
	For live recording or listen	– (5% - 25% coverage) ing rooms, offices, conference beople gather and converse.	 Look for areas that sound may be escaping your space. Vents, ductwork, and loose-fitting doors are common culprits. 		
	Moderate Absorption Suits listening and contro	on — (25% - 50% coverage) I rooms that typically feature vell as larger business spaces.	 Use thicker, less compressed material to reduce impact or vibrational noise. Thinner, denser material works best for sound isolation. 		
		round 50 percent is a good	· ·	e an effort to cover every en sound isolation material to	
	Heavy Absorption — (50% - 100% coverage)		prevent sound from escaping or entering.		
	•	practice space, rooms that		rial, on the other hand, need	
	handle high-energy music	c. Vocal booths and recording	to be applied only in p	roblem areas.)	

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SOUNDPROOFING

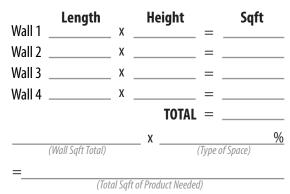
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isolation booths require the most absorption.

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B) CALCULATE HOW MUCH PRODUCT YOU NEED:



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4. CHOOSE AN — ABSORPTION PRODUCT

ACOUSTIC PANELS	Effective & Decorative	\$\$\$
ECO-C-TEX [™] PANELS	Inexpensive & Versatile	\$\$
ABSORPTION SHEETS	Cheap & Portable	\$

CUSTOM ABSORPTION PRODUCTS:

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. If you can imagine it, then we can create it!

5. INSTALLING ABSORPTION

Absorption materials are installed on wall surfaces. They always need to be exposed to the source of the sound problem in order to work. In most applications, they work best positioned evenly around the space you are treating, with exposed wall between. Place them at a height where sound is likely to hit the wall.

6. NEED SOME HELP?

B) WHAT TYPE OF ISOLATION DO YOU NEED?

Use Sound Isolation Use Anti-Vibration Materials For: Materials For: noise transfer from impact noise walls into your space □ vibration from machinery or other □ sound escaping your electronics space into neighboring □ structural noise spaces ☐ footfall privacy concerns □ noise transfer from ceiling CHOOSE AN — **ISOLATION PRODUCT** PEACEMAKEI 6.4_{MM} Anti-Vibration ŚŚŚ 3.2мм Heavy Isolation ŚŚ 2.0мм Moderate Isolation \$

INSTALLING ISOLATION

Isolation materials need to be installed between wall layers. If your room is a new construction, isolation material can be attached directly to the wall or floor studs. If you room is already finished, you may add isolation material to the existing wall and then install an additional layer of drywall over it. The more mass, the better!

Don't be afraid to call on an expert. At Audimute, we believe in making acoustic treatment as simple as possible. We will talk you through your options, and we won't let you buy something that won't work. Call us at (866) 505-6883, and ask for one of our acoustic specialists.

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