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## School uses 1" Echo Eliminator™ to Reduce Gym Echo Problem

By Ted Weidman

**E**arly in the year, Jason Ray with TSB Studios in Birmingham, Alabama, (an ASI approved installer) was working with a school in Alabama who reported a substantial echo problem in their gymnasium. Like most gyms, this room was not only very large, but consisted of nearly all hard surfaces. The larger the room and the harder the surfaces in that room – the worse the echo will be.

Jason worked with the customer to install panels that were not only cost effective and acoustically absorbent, but he worked with them to create a very unique and great looking aesthetic. Based on the dimensions of the room, Jason and I determined that around 720 square feet of acoustical paneling should bring the reverberation time in the room down to an acceptable level. The school reviewed samples of the nine different colors that we offer for the Echo Eliminator panels and chose beige based on the existing color scheme in the room.

After Jason and the school had agreed on a color as well as a quantity needed for the room in question, we boxed up 90 (2x4) panels and an ASI Knife blade and got them on the way. A few months later, I received an E-mail from Jason with the subject "Very happy client, here's why" and attached were the two pictures included here. I was not aware that the 2x4 panels were going to be cut down to 2x2 and used as a geometric pattern on the walls, but I am quite impressed with the installation. Not only do the smaller squares create a very pleasing visual pattern, but they also allow for a nice balance of square footage spaced out throughout the room. Additionally, by cutting the panels down to the 2x2 and spacing them in such a way that only the corners are touching, more absorptive surface area is introduced into the room increasing the overall absorption of the square footage installed. *Brilliant.*

If you would like a quote for a similar room, please feel free to contact me. I will need the



*These pictures were provided by Jason Ray, who is one of our approved installers in Alabama. If you are in the Alabama area and want to contact Jason for an installation or a consult, feel free to contact him at 205-533-9375 or [tsbstudios@mac.com](mailto:tsbstudios@mac.com). Please let him know that you acquired his contact information from Acoustical Surfaces, Inc. so he has a point of reference.*

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measurements (height, width & depth) of the room as well as a brief description of the surfaces that make up the space. Digital pictures are always a great aid for me to offer a few different recommendations for spacing and location. I will put together a box of possible products as well as corresponding literature and get them to you so you can see physical representations of the products that I can provide. After a product or a few products are selected, it is very easy to draft and fax or E-mail a quote to you for the project.

For installation information (for those who live in the Alabama area) contact Jason for a free consultation: 205-533-9375 or [tsbstudios@mac.com](mailto:tsbstudios@mac.com). Please let him know that you acquired his contact information from Acoustical Surfaces, Inc. so he has a point of reference.

***I you have any questions or need any information about this project or if you have one similar, please feel free to contact Ted Weidman at [ted@acousticalsurfaces.com](mailto:ted@acousticalsurfaces.com) or 800-527-6253.***