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## Harsh “Echo Chamber Feeling” Eliminated with Echo Eliminator™ in Print Shop!

Hi, Ted,

Well, we put up the panels. We put them up on one side and noticed a sense that the echo had gradually all shifted to the other side. By the time they were all up we really felt so much better in the space. Before they went up the space made me feel uncomfortable, like I just could not stand to be there too long. Not sure how to explain it, but it just did not feel comfortable and I think that sense was coming from the echo-chamber feeling the space gave. After we had some of the panels up, I felt myself relax, and by the time they were all up the space was comfortable, and I knew I would have no trouble working there for several hours at a time. We called out before the panels went up and the echo was awful. No echo at all by the end of the project. Pat, my husband, came home today to report that a generator has to be on the whole time the machines are running and it is like there is a muffler on the generator because there is a panel behind it. He says the sound stays right there next to the generator



*This space is constructed out of all hard surfaces. With a concrete floor, metal walls and ceiling, any and all noise that is generated in a room like this will echo and reverberate for quite some time. Without any absorption, a person working in a room like this can actually experience noise levels that are many times higher than the sum of the actual noise of the machines. The person will hear the sound that is not only going directly from the machine to their ear, but they will also hear the noise that is escaping the back, sides, top and bottom of the machines due to the nearby reflective surfaces. The absorptive panels make the operator only hear the direct line sound from the machine to their ear which makes the machine sound quieter.*

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rather than traveling all around the space.

The other great thing about the panels was how easy there were to put up. Could not have been easier, and they were just soft pieces of safe material so we did not get splinters or wear gloves. All we had was a level, a pencil and some liquid nails and they went up really quickly. The walls are a corrugated steel (extremely wavy and uneven) and we were worried that the panels would not stick, but no problem, we put the Liquid Nails down the protruding spines of the walls and the panels just grabbed and stayed perfectly.

The sales people from Fuji/Xerox were in today and they were amazed. They have been recommending hanging fabric and they said they will not be doing that any longer.

I am so glad I found you and your company and your wonderful product. Saved us time, aggravation and lots of money. You made us all smile.

Thanks again,  
Alison Keenan

*If you have any questions about this installation, please feel free to contact Ted Weidman at 800.448.0121, or [Ted@acousticalsurfaces.com](mailto:Ted@acousticalsurfaces.com)*



*Based on the cubic volume of this room, fifty-six panels were installed. The panels were our 1" thick, #3 lb. density Light Gray Echo Eliminator™ which are made from recycled cotton fiber. They were installed onto the walls with construction adhesive. The customer had no problem installing themselves and decided to install the panels in a pattern which balanced the quantity through out the space.*