
Subject: Question for Wayne

Posted by [Garland](#) on Sat, 12 Jan 2002 13:12:46 GMT

[View Forum Message](#) <> [Reply to Message](#)

Hi wayne, I'm just about ready to seal up the cabinets of my theater 4's and need to pick up the damping fill. You recommended 2" fiberglass insulation. Is this the stuff for home insulation in walls. I've seen it with foil vapor barriers. Is it sold with out? I assume I want it without? I just want to get the right thing. I also have a source for dacron batting in 1" thicknesses. Would two layers be OK and what is your opinion on the acoustic benefits or weaknesses of dacron as compared to the fiberglass? Lastly, would putting a cap of 1/2" wire mesh over the interior ends of the 3.5" ports to keep kid's toys out of the cabinets effect the sonics? Absolutely lastly, would you recommend using t-nuts and machine screws to attach the woofers or are wood screws adequate? Finally and absolutely lastly!?! Do you recommend any damping of the plastic/fiber horns for optimum sonics. I've read in the past of people doing all kinds of things to tweak the sound of horns. Thanks! Garland

Subject: Re: Question for Wayne

Posted by [replay](#) on Sat, 12 Jan 2002 21:53:58 GMT

[View Forum Message](#) <> [Reply to Message](#)

just received my current issue of audioexpress. there is a good topic dealing with infinite baffle loudspeakers (way above my head). they talk about fiberglass insulation from owens-corning. 700 series product. it seems to have some magical properties. cheers, george

Subject: Re: Question for Wayne

Posted by [mikebake](#) on Sat, 12 Jan 2002 23:42:46 GMT

[View Forum Message](#) <> [Reply to Message](#)

From the Drew Daniels treatise on audioheritage.org" Please, even if you hate handling fiberglass, don't substitute other absorbing materials for it. Fiberglass is unique in its physical properties and substitutes will not work as well. Just get some long heavy rubber gloves to handle the stuff, and shower off with cool or cold water when you're done."

Fun reading

Subject: Things and stuff

Posted by [Wayne Parham](#) on Mon, 14 Jan 2002 21:36:13 GMT

[View Forum Message](#) <> [Reply to Message](#)

For acoustic damping material, I like to use R11 insulation which is 2" - 3" thick, uncompressed. It often has a paper vapor barrier that I peel off. There are lots of other materials and products that might work but R11 has always worked well for me. You can put a grille over the port. A mesh or something like that would be just fine so long as it is non-restrictive. For fasteners, I like T-Nuts for mounting heavy drivers or when serviceability is important. Wood screws are fine for about 20 tightening cycles but after that, the wood is stretched enough to tear through.
