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Subject: Internal Damping Material

Posted by [FredT](#) on Sun, 17 Apr 2005 14:18:56 GMT

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I was wondering if anyone has compared the materials that are commonly used for internal damping in diy enclosures? Specifically, has anyone done comparisons of eggcrate foam, R11 or R13 home insulation, and Armstrong #420 5/8" rigid fiberglass. My own superficial impression (without doing any valid measured comparisons) is that the eggcrate foam doesn't absorb very much sound, the home insulation seems to do a good job but is too thick for some applications, especially in small volume enclosures, and the 5/8" rigid fiberglass seems to be the most effective. I have used all three, but when I have completed an enclosure I'm not inclined to remove and reinstall damping material (especially the rigid Armstrong ceiling stuff) through the driver holes, so I haven't done any valid comparisons. Wayne, Bob, others, what do you think?

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