
Subject: Damping stuff

Posted by [peppennino](#) on Thu, 15 Mar 2007 09:51:15 GMT

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Good morning! Since I'm an allergic subject, I'd like to use a valid alternative to fibreglass as damping material. Any suggestion? Thanks in advance!Vincenzo

Subject: Re: Damping stuff

Posted by [Wayne Parham](#) on Thu, 15 Mar 2007 14:21:40 GMT

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Some people use polyfill, like what's used as batting in pillows and winter coats. I find it to be awkward to use, because it doesn't hold together well. "Acousti-stuff" is a branded polyfill, packaged and sold by Parts Express. Ultratouch is a cotton product replacement for R13 that you might try.

Subject: Re: Damping stuff

Posted by [peppennino](#) on Thu, 15 Mar 2007 16:32:13 GMT

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So, I'd search for Ultratouch.. Does it have a good absorption factor in the lowest frequencies?
Many Thanks, Wayne!

Subject: Re: Damping stuff

Posted by [peppennino](#) on Thu, 15 Mar 2007 16:35:23 GMT

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Does recycled wool in sheets is useful? I live in Italy and Ultratouch seems not available here..

Subject: Re: Damping stuff

Posted by [Wayne Parham](#) on Thu, 15 Mar 2007 17:21:29 GMT

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Sure, wool will work. About your question on absorption at low frequencies, no fibrous padding of the thickness used for loudspeakers really works well at low frequencies. It doesn't need to though; It's really intended to attenuate midrange. If you needed a fibrous material that attenuated bass, it would need to be very thick. Another way to damp bass is to have a vibrating membrane with some resistance. That will move sympathetically and damp the waves by friction. But again, the damping material used in loudspeaker cabinets is there to attenuate midrange and higher frequency standing waves. The physical properties of the cabinet itself are what control the bass.

Subject: Re: Damping stuff

Posted by [peppennino](#) on Thu, 15 Mar 2007 18:09:51 GMT

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Many many thanks, Wayne! I'll go for wool! My pair of Theater Four are growing!!<http://homepage.mac.com/parisatnight/hobby/PhotoAlbum42.html>

Subject: Re: Damping stuff

Posted by [Wayne Parham](#) on Thu, 15 Mar 2007 20:29:42 GMT

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Nice work! Thanks for the link!

Subject: Re: Damping stuff

Posted by [peppennino](#) on Thu, 15 Mar 2007 20:36:19 GMT

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Thanks to you for your kindness and generosity!! Good night! Vincenzo

Subject: Re: Damping stuff

Posted by [dB](#) on Sun, 18 Mar 2007 09:00:36 GMT

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It's so amazing, that you can join high technology with Wayne's insight, "Russian PIO caps" and

Xover HI-FI/hi-tech "Cotton dust-covers". Marvellous... SPEECHLESS!
