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Subject: Insulating subwoofers

Posted by [JBLman](#) on Fri, 27 Sep 2002 18:21:20 GMT

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Does anyone have advice regarding which sides of the subwoofer enclosure to insulate?? Is standard R-13 appropriate or should it be peeled to a smaller thickness. How about high density rock wool??

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Subject: Re: Insulating subwoofers

Posted by [Wayne Parham](#) on Fri, 27 Sep 2002 20:06:21 GMT

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I generally recommend that R-13 be installed on the back, bottom and one side. Unless the cabinet is very small, I would not trim the insulation to make it thinner, except do remove the vapor barrier, if present. Position of absorbent material is important and its spacing from the boundary in particular. An absorbent material is most effective when placed at least 1/4 wavelength away from the boundary, and this must be balanced with the issue of viscosity change from having a lot of damping material in the cabinet.