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Subject: Re: Wood used in 4PI construction

Posted by [Wayne Parham](#) on Wed, 30 May 2012 14:15:38 GMT

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The problem with plywood isn't sealing the corners, it's the possibility of voids between laminations. Where there are voids, there is the likelihood of debris in the voids, which causes the cabinet to buzz. Honestly, the only plywood I trust is baltic birch. Most others will have voids, and some are pretty bad.

If you aren't going to move the speakers a lot or use the speakers outdoors or in humid environments, I would suggest MDF. If they will be moved a lot (like sound reinforcement speakers) or if they might be subject to water or humidity, use baltic birch plywood. In either case, an attractive, high quality wood veneer can be applied for aesthetics.

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