
Subject: Best Cabinet Material?

Posted by [Garland](#) on Tue, 11 Dec 2001 12:41:46 GMT

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I am getting ready to pick up the materials I'll need to build a pair of Theater 4 Pi's and was wondering what the general consensus is concerning the best material to use for the cab's. I've used MDF and find it is not the easiest material to join and finish. Some consider plywoods to have good sonic attributes while others recommend steering clear of plywood and using MDF or particle board. Ultimately I plan on finishing the cabinets in wood veneer. Thanks for any ones' comments and recommendations!Garland

Subject: 1" 15ply void free russian birch

Posted by [replay](#) on Tue, 11 Dec 2001 13:14:29 GMT

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it is sold at specialty wood suppliers, comes in 5'x5' sheets. expect to pay \$30.00 US a sheet.cheers,george

Subject: Re: 1" 15ply void free russian birch

Posted by [Garland](#) on Tue, 11 Dec 2001 15:43:03 GMT

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Hey George, where do you live? Around here in the Boston Ma area all I can find is 3/4" 13 ply @ \$109 for 4'x 8' or \$69 for 60" x 60"! I may use this, but it gets pretty pricey. What would your second choice be? Also what bracing did you use? Thanks! Garland

Subject: Loudspeaker wood stock: Hardwoods, plywoods and particle boards

Posted by [Wayne Parham](#) on Tue, 11 Dec 2001 20:48:23 GMT

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We generally build cabinets smaller than 3 cubic feet using MDF and those larger with baltic birch plywood. We use real wood veneers but never a solid hardwood because it tends to be resonant.

Subject: Re: 1" 15ply void free russian birch

Posted by [replay](#) on Tue, 11 Dec 2001 22:04:07 GMT

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hi garland, look in the yellow pages for wood specialists, the places where cabinetmakers buy their stock, forget home depot and similiar outlets. i did not brace my cabinets, they are as solid as concrete with zero flex. if i was building 7 pi cabinets then 2"x1" bracing would be used, but my cabinets are small and i found no need. cheers, george

Subject: huge structural difference between 1" and 3/4"

Posted by [replay](#) on Tue, 11 Dec 2001 22:09:16 GMT

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my 7 pi's were built with 3/4" ply and there is some flex thus the need for bracing, but the 1" ply is worth every penny because of it's extra strength. bracing makes a 3/4" cabinet solid but 1" is now my thickness of choice. my 4 pi's were made with 1" wood and they truly are "rock" monitors. cheers, george

Subject: Re: Best Cabinet Material?

Posted by [BillEpstein](#) on Tue, 11 Dec 2001 22:21:31 GMT

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Listen to Replay. Every metro area has a distributor that sells to small cabinet shops. Hardwood plywood, MDF that is already veneered, sheet goods that have plastic or cellulose honey combs between MDF and the various Russian and Baltic Birch. In regard to bracing, I was amazed at the difference a couple of braces made in the little 2 cu ft box for the sub. From thoommmp to thunk. Much deader with.
