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Subject: Type of Wood  
Posted by [Junior](#) on Fri, 20 Jul 2018 07:58:47 GMT  
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I was thinking of writing this inquiry in the home theater, but I guess this is where it is more appropriate. What is the type of wood best for placing my sound system for my home theater?

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Subject: Re: Type of Wood  
Posted by [Wayne Parham](#) on Fri, 20 Jul 2018 17:22:59 GMT  
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Not sure what you're asking, but for loudspeaker cabinets, MDF or Baltic Birch are best.

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Subject: Re: Type of Wood  
Posted by [Junior](#) on Wed, 25 Jul 2018 07:44:21 GMT  
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I forgot to mention about the cabinet. I like the Baltic Birch because of its nice texture. How do I know the difference between a Baltic Birch plywood from the regular ones?

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Subject: Re: Type of Wood  
Posted by [Wayne Parham](#) on Wed, 25 Jul 2018 13:55:46 GMT  
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Baltic Birch comes from Russia or one of the countries nearby, like Finland. It only comes in metric thicknesses, like 18mm (which is 0.7", the nearest size to 3/4").

Baltic Birch uses only birch plies, so each ply is pretty thin. You can distinguish Baltic Birch easily because of this trait. A cheaper 3/4" plywood with soft inside wood might only have five plies. But 18mm Baltic Birch will have 13 plies. So look at the edge of the wood to identify Baltic Birch.

Most sheets I've bought also have Cyrillic characters on the label printed on the sheet too. Every

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Subject: Re: Type of Wood  
Posted by [Junior](#) on Fri, 27 Jul 2018 07:08:13 GMT

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Thanks a lot for your advice, Wayne. A plywood with 13 plies is really amazing. I'm glad you mentioned about the Cyrillic characters because I don't know if the seller is just telling me that it is a Baltic Birch even though it is not.

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Subject: Re: Type of Wood  
Posted by [Jazzy](#) on Thu, 09 Aug 2018 12:52:49 GMT  
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Are there any alternatives for Baltic Birch because the price seems high for us who don't have the budget for this kind of material. It is a great material for people who can afford it.

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Subject: Re: Type of Wood  
Posted by [Wayne Parham](#) on Thu, 09 Aug 2018 14:41:43 GMT  
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You can use MDF. In fact, I prefer it for speakers that won't be moved a lot or used in environments where they might be subjected to exposure to water or high humidity. Baltic Birch is a stronger material and is less prone to panel resonance than solid hardwoods. But MDF is even more internally damped than Baltic Birch, it's just not as strong or tolerant of moisture.

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Subject: Re: Type of Wood  
Posted by [Malfoy](#) on Fri, 10 Aug 2018 03:15:38 GMT  
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Our wooden cabinets were made with MDF boards. My computer table was also made out of MDF. The problem I have right now is these boards puffed up due to the humidity, I guess. Any ideas on how to protect these boards from swelling up?

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Subject: Re: Type of Wood  
Posted by [Jazzy](#) on Sat, 11 Aug 2018 02:29:12 GMT  
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I also want to know how to protect MDF boards from soaking up moisture. The outer covering and especially the sides have no protection against humidity.

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Subject: Re: Type of Wood

Posted by [Wayne Parham](#) on Sat, 11 Aug 2018 14:33:11 GMT

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Of course, a finish applied (both inside and outside) will help protect the wood. But to be honest, MDF is really not happy in moisture, and I wouldn't want to subject MDF cabinets to moist environments no matter what finish was on them. If you need a cabinet to last when it might be occasionally exposed to water, use Baltic Birch.

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Subject: Re: Type of Wood

Posted by [Junior](#) on Fri, 05 Oct 2018 09:15:55 GMT

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Let us then make sure that our cabinets or racks are away from the kitchen or the dining room because those areas can create moisture in the room. Now I understand why our cupboards are easily damaged even though they don't get wet.

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Subject: Re: Type of Wood

Posted by [mamoss](#) on Sat, 06 Oct 2018 09:34:56 GMT

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I have always avoided MDF even though most people consider it to be versatile. Solid wood, on the other hand, seems to contract when subjected to changes in heat and humidity. I prefer Baltic Birch because it seems to withstand temperature swings.

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Subject: Re: Type of Wood

Posted by [Junior](#) on Tue, 23 Oct 2018 15:29:44 GMT

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It makes a lot of sense if we use Baltic Birch because those trees grew up in cold places. The low temperature has made the wood strong, so it will be good for furniture.

Is it a good idea to combine MDF with Baltic Birch. Like placing the Baltic ply on top of the MDF plywoods.

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