Subject: Re: Question for the carpenters out there
Posted by bmar on Tue, 03 Sep 2002 18:30:32 GMT
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In theory it is possible. what the bracing does for people with out very sophisticated measuring devices, is control the resonance of the large panels. The panels, if not braced will resonate and cause unwanted distortion and transient sounds. these will most definitely be heard with out bracing. I believe getting into the braces themselves vibrating and causing the panel to follow suit is valid, but insignificant to most. If you really had the time to structurally analyze the panel size and the frequencies that are to affect them. You would come up with exacting brace sizes and placement locations there on. a 6" thick concrete cabinet/container would do the trick and not need bracing. you could also make a sandwiched layer of 3/4" MDF, 5/8" sheet rock, 3/4" mdf. and it could further be vibration isolated with something like a barium vinyl or modified bitumen which would weigh about 1 lb per square foot @ 1/16" thickness. I think your 7 braces are just fine.Bill