Subject: OK Till E
Posted by GarlandGarland on Fri, 20 May 2005 16:23:38 GMT
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I know you've put the motor run caps into your crossover and are really trying to be patient and are letting them break in for a few weeks before you pass judgement on them but please give us(me) a hint at what you think of them in your system! These suckers are interesting: I have a situation where 10 uF 370V GE's sound entirely different(better) than the exact same cap but rated 440uF (taller can). WTFDIK!G.

Subject: Re: OK Till E
Posted by Wayne Parham on Fri, 20 May 2005 17:59:22 GMT
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Subject: Still have 'em! - Still love 'em!
Posted by GarlandGarland on Fri, 20 May 2005 21:02:52 GMT
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...and Wayne, thanks for the compliment! As an impulsive tweaker, I must say that little I have done has improved on the already great sound of your design. Oil caps in the crossover and felt on the dust caps of the Delta 15s have gained a bit of clarity and smoothness but still the original sound is still there in all it's awesomeness!I only wish I had the corners for the corner horns! Garland

Subject: Re: Hang in there Mr. G
Posted by BillEpstein on Sat, 21 May 2005 08:41:59 GMT
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Too many things going on I never went back to pick up the the 30uF's I had Grainger bring in for me. Which is a good thing 'cause I went back up to 1600 Hz from 1200 and now need 20uF's. Have to make time next week and will report, fer sure.

Subject: Your speakers look so awesome!
Posted by Wayne Parham on Sat, 21 May 2005 12:19:42 GMT
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Subject: Re: the corners for the corner horns
Posted by wunhuanglo on Sat, 21 May 2005 16:35:15 GMT
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Does anybody think that false corners a-la the Klipschhorn recommendation are workable?

Subject: Re: the corners for the corner horns
Posted by Wayne Parham on Sat, 21 May 2005 17:17:17 GMT
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I think it's a good idea in principle, it's just that they're so cumbersome. But you could surely stack a wall of concrete bricks to form a false wall that was more solid even than the permanent walls of most homes.

Subject: Re: concrete blocks
Posted by wunhuanglo on Sat, 21 May 2005 19:25:35 GMT
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They'd be about as visually attractive as the rest of my audio-related endeavors But I do wonder – I've read how bass is "lost" through flimsy construction. Klipsch said to build a 2X4 stub wall sheathed on each side. But is that really the effective? Are cinder blocks really required?

Subject: Re: concrete blocks
Posted by Wayne Parham on Sat, 21 May 2005 19:40:46 GMT
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Certainly, if the walls are free to vibrate, then you'll lose some of your energy in making them

move. Or worse, if they're not damped, they can make their own sound, making peaks from panel resonance.Most times, the drywall in homes isn't very solid but it's damped pretty well from the insulation behind it. So that helps. In some instances, you'll find a wall or panel without insulation behind it. They're troublesome, because it sounds as hollow as it is.

Subject: Re: The test of time
Posted by BillEpstein on Sat, 21 May 2005 21:39:26 GMT
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Still the most elegant, balanced-looking large box speaker on the planet.

Subject: Re: As one who shleps a lot of drywall.....
Posted by BillEpstein on Sun, 22 May 2005 11:28:48 GMT
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Contractors come in and want us to get a forklift to load maybe 30 sheets of 4x8x1/2" drywall. But it has to be hand-loaded into their pick-up truck anyway so we just throw 15 "lifts" on a cart in about 60 seconds as they stand by amazed and then wheel it out.Now 5/8" is a different story. That stupid 1/8" makes it 'twice' as heavy.Glue it to the studs and you really have a strong structure. Yup, drywall should be glued to the studs which eliminates a lot of fasteners so taping is quicker but also the glue keeps the board from getting concave where the framing isn't quite perfect.If you wanted to make a really non-resonant 'wing' to substitute for a corner I would suggest 5/8" board glued to a 2x4 frame with 30# roofing felt glued to the back of the board between the studs.

Subject: Re: As one who shleps a lot of drywall.....
Posted by Wayne Parham on Sun, 22 May 2005 13:40:24 GMT
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Neat idea, thanks for the suggestion!Thinking through your idea, it's really sort of an artificial wall made the same as permanent walls. Frame the sheet with 2x4's, and run a few in between for support. You could even line the back with R13 and perhaps surround it on both sides with drywall. Make a base that supports the panel and perhaps tie the top of the panel to the ceiling with an adjustable compression rod.

Subject: You guys are too kind!
Posted by GarlandGarland on Sun, 22 May 2005 15:35:28 GMT
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...but really, I'd have been more than happy with raw unfinished birch with all the screws exposed. But the wife rules the roost and I was afraid that if I didn't go all out on the finishing, the 9 cu ft boxes would last all of about 3 hours in the family/ listening room. As they are, she actually love's them, looks and sound!G.

Subject: Re: As one who shleps a lot of drywall.....
Posted by Dean Kukral on Mon, 23 May 2005 21:19:27 GMT
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I wonder if anyone has ever tried that stuff that they use in showers. Blueboard or something (?). Seems like it might be heavier.Just a thought.

Subject: Re: Hardy board would be great
Posted by Matts on Mon, 23 May 2005 21:55:18 GMT
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not sure of spelling, but there's a siding product made with concrete somehow. thin sheets are very heavy and it seems totally inert to vibrations. There's a primer that's supposed to seal it very well. I've wondered if it would make a good speaker enclosure for awhile, but I'm sure it would make a good little wall. Only downside is it eats up saw blades and makes a lot of dust when cutting.

Subject: Re: Hardi-Backer and Durock
Posted by BillEpstein on Mon, 23 May 2005 22:03:33 GMT
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Bob Brines loves Hardi-backer as a stiffener/deadener for MDF. Durock is concrete board much as drywall is Gypsum board. Remember the Rauna speakers from the 80"s?Make a sandwich with 30# roofing felt for mayo.

Subject: Concrete backerboard
Posted by Wayne Parham on Mon, 23 May 2005 22:20:59 GMT
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You aren't kidding about tearing up blades. But I found the trick with that stuff - Score it with a grinder and then break it.I had a momentary lapse of reason one time and did a DIY shower pan. (Of all the things to DIY, right?) I used that stuff behind the tile. Tough as nails, even chewed up concrete cutting wheels. But then I realized that if I scored the surface even just a tiny bit, I could lay it over a 2x4 and snap it like a gingerbread cookie. Nothin' to it.