Subject: Re: Why is drywall bad?
Posted by Wayne Parham on Thu, 02 Nov 2017 15:13:32 GMT
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That's true. Rooms with framed drywall construction are much better than rooms with brick, stucco, concrete or rock walls. The drywall panels vibrate enough that they absorb some of the bass frequencies, and so act a little bit like panel absorbers.

But to Bruce's point, even that isn't enough if the room doesn't have more absorbent stuff in it. I've heard drywall rooms that had flutter echo so bad they sounded like a bird chirping, especially when given a transient signal like a hand clap.

I do find that rooms with framed drywall construction and wall-to-wall carpeting with ample furnishings are usually pretty well behaved. They can be improved upon, sure, but I think most people in homes with framed drywall rooms have at least a good starting point.

Many don't need additional acoustic treatments to sound good, especially when the sound system uses technologies that mitigate room acoustics problems. A directional loudspeaker that is properly placed will help minimize early reflection problems, and should create a tonally-uniform reverberent field. And flanking subs and multisubs will mitigate room modes and reflection problems in the lower end of the frequency scale.