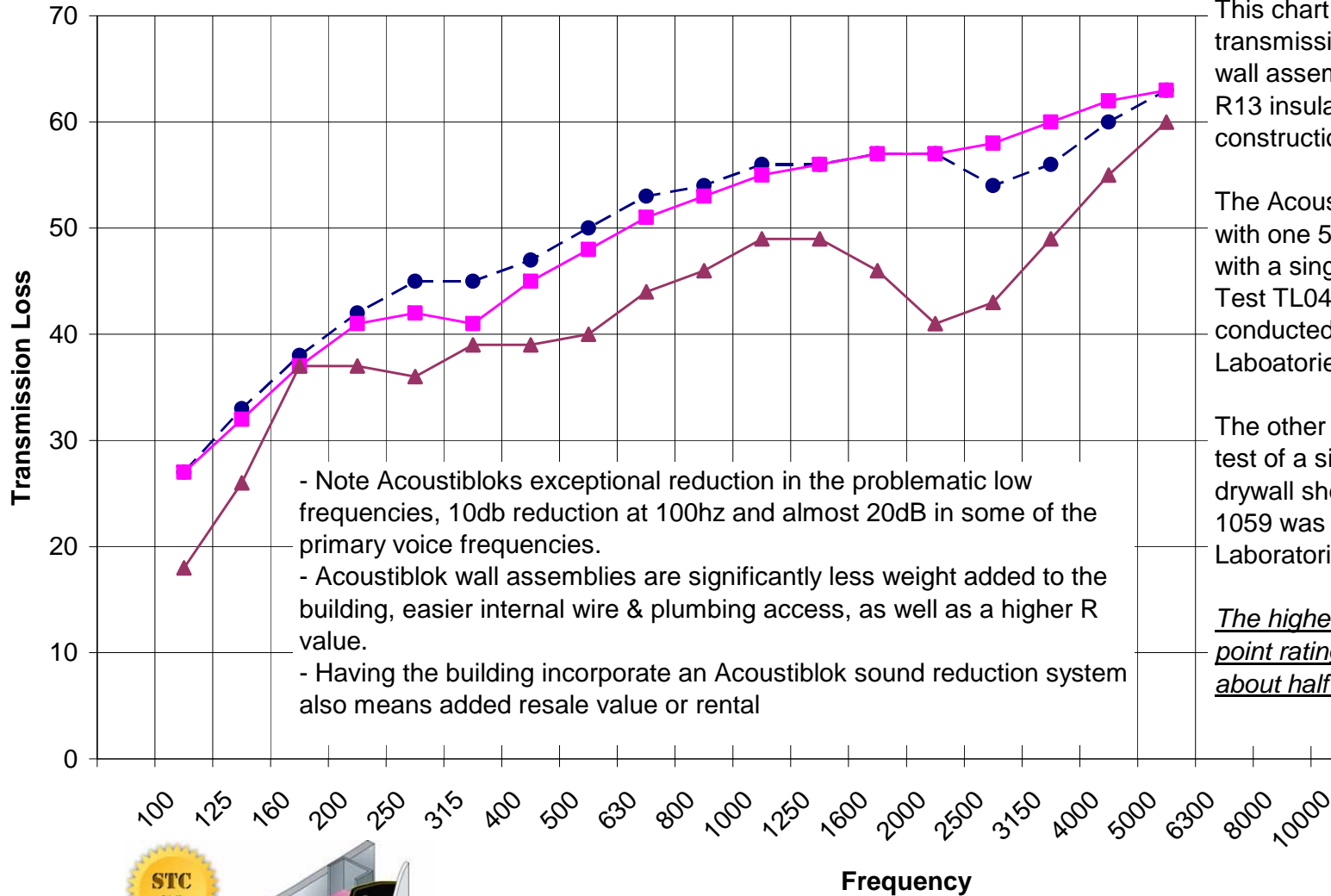




## Only 1 Layer of Acoustiblok vs. Four Sheets of 5/8" Gypsum In a Single Stud Wall Assembly



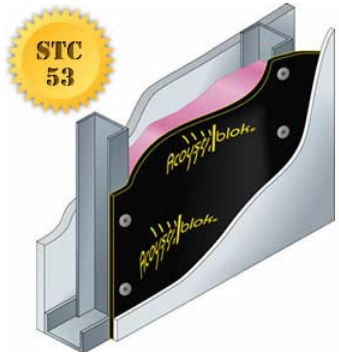
- Note Acoustibloks exceptional reduction in the problematic low frequencies, 10db reduction at 100hz and almost 20dB in some of the primary voice frequencies.
- Acoustiblok wall assemblies are significantly less weight added to the building, easier internal wire & plumbing access, as well as a higher R value.
- Having the building incorporate an Acoustiblok sound reduction system also means added resale value or rental

This chart compares the frequency transmission loss of independently tested wall assemblies. All assemblies include R13 insulation in the assembly construction.

The Acoustiblok walls are single stud walls with one 5/8" drywall sheet on both sides with a single layer of Acoustiblok installed. Test TL04-274 & TL04-050 were conducted by Riverbank Acoustical Laboratories.

The other wall assembly is an independent test of a single wood stud with two 5/8" drywall sheets on both sides. Test OL05-1059 was conducted by Orfield Laboratories.

The higher the number the better, a 10 point rating difference is equal to a volume about half (or twice) as loud.



**STC 53**

- TL04-274 STC53 - Acoustiblok only 1 layer, 2 sheets 5/8" Gypsum, Metal Stud
- TL04-050 STC52 - Acoustiblok only 1 layer, 2 sheets 5/8" Gypsum, Wood Stud
- ▲— OL05-1059 STC44 - 4 sheets 5/8" Gypsum, Wood Stud

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