

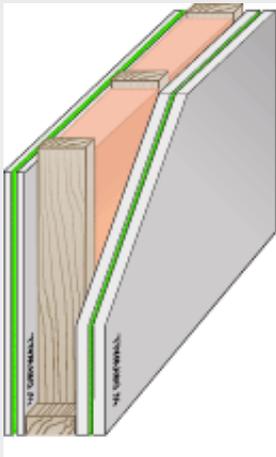
GREEN GLUE VS. CONSTRUCTION ADHESIVE

One frequent and rational asked question about Green Glue is: "Does Green Glue outperform Conventional Construction Adhesive commonly found at construction stores."

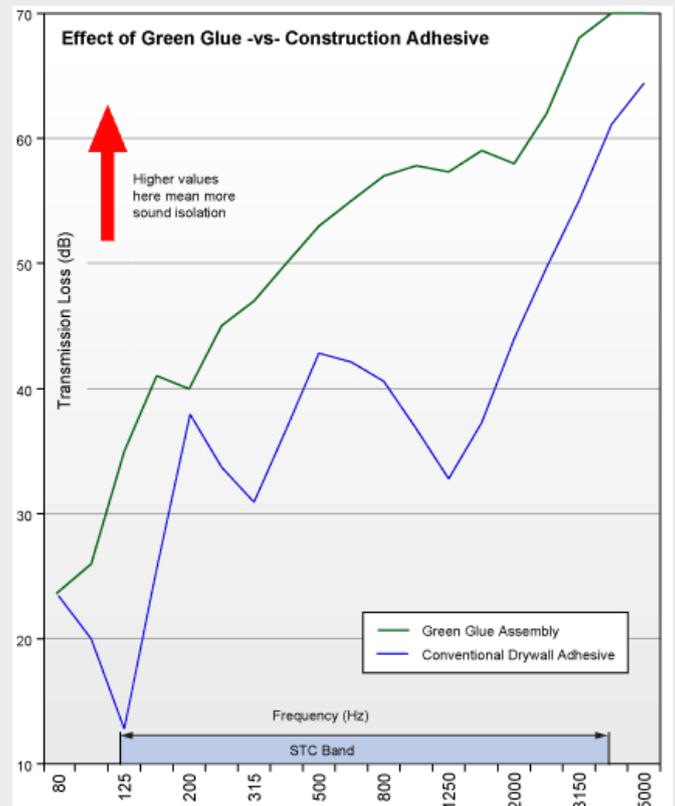
TEST DESCRIPTION - CONSTRUCTION ADHESIVE -VS- GREEN GLUE ASSEMBLY

To address this question, The Green Glue Company ran a series of tests at Orfield Laboratories, a NVLAP certified independent lab in Minneapolis, MN. Below are the wall configurations, from source room to receive room. All details of the walls were identical, including insulation, screw length and spacing, stud configurations, and so forth.

Construction Adhesive
5/8" drywall + Conventional Drywall Adhesive @ 2 tubes per 4'x8' sheet + 5/8" drywall
2x4 Wood Stud (24" OC)
R13 fiberglass insulation
5/8" drywall + Conventional Drywall Adhesive @ 2 tubes per 4'x8' sheet + 5/8" drywall
OL 06 912



Green Glue Assembly
5/8" Drywall Green Glue (2 tubes per 4'x8' sheet)+ 5/8" Drywall
2x4 Wood Stud (24" OC)
R13 fiberglass insulation
5/8" drywall + Green Glue @ 2 tubes per 4'x8' sheet + 5/8" drywall
OL 05 1049



SUMMARY

The rigidity and low damping of conventional adhesives works to worsen sound isolation by lowering the coincidence dip and raising low frequency resonances. Green Glue has a positive effect on sound isolation, making the performance difference between Green Glue and conventional adhesives considerable.

Wall Setup	STC	OTC
Conventional Adhesive	37	-
Green Glue	55	39