

# SOUNDPROOFING MADE SIMPLE

Actually you DON'T get what you pay for! The installed cost of soundproofing counts. Green Glue performs better, and cost less.

## Green Glue Assembly

Test Number: OL 05-0416

Source Side:	2 layers 5/8 gypsum 2 tubes Green Glue (58 fl. Oz.) between layers
Wall Structure:	2x4 studs @ 24" OC 3 1/2" R13 fiberglass insulation
Receive Room:	1 layer 5/8" gypsum

Testing Lab: Orfield Laboratories, Inc.

[www.greengluecompany.com/OL05-0416\\_Report.pdf](http://www.greengluecompany.com/OL05-0416_Report.pdf)

## "Quiet" Sheetrock Assembly

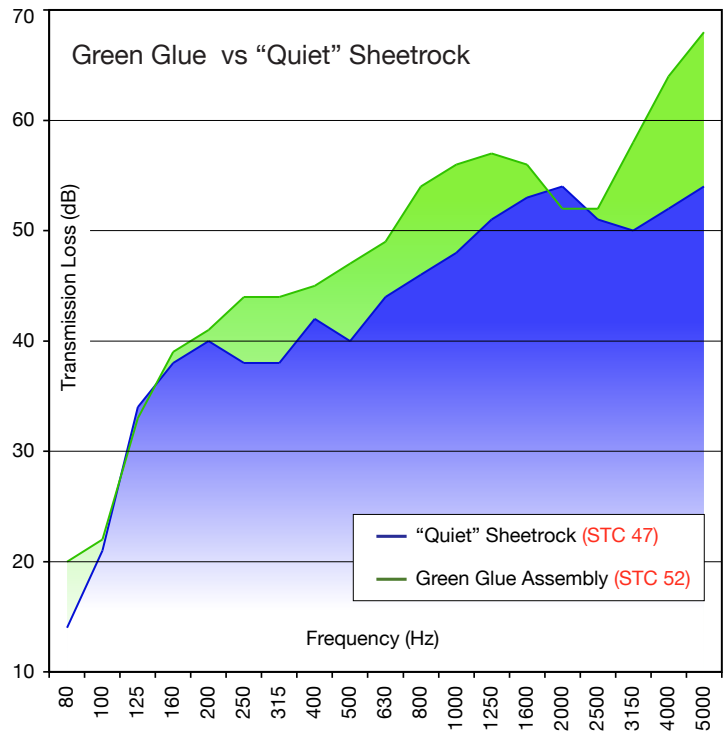
Test Number: TL 06-133

Source Side:	1/2" Quiet Sheetrock panel
Wall Structure:	2x4 studs @ 24" OC 3 1/2" R13 fiberglass insulation
Receive Room:	1 layer 1/2" gypsum 1/2" "Quiet" Sheetrock panel

Testing Lab: Western Electro - Acoustic Laboratory

[www.quietsolution.com/WEAL\\_QR510\\_Retrofit.pdf](http://www.quietsolution.com/WEAL_QR510_Retrofit.pdf)

Frequency	Green Glue Transmission Loss	Quiet Sheetrock Transmission Loss
80	20	14
125	33	34
500	47	40
1000	56	48
4000	64	52
5000	68	54
<b>STC Value</b>	<b>52</b>	<b>47</b>



## What is the real cost of soundproofing?

The installed cost of soundproofing is a big variable in choosing the noise reduction solutions for your project. You must include a delivered price for the product, labor, and waste to see the real picture.

Recently one of the "Quiet" Sheetrock companies advertised 1/2" "Quiet" Sheetrock for \$39.00 a sheet. Predictably, this is without freight charges and for huge orders only. The actual street price for most consumers would likely be \$50-60+, if you pick it up.

Labor for the installation of drywall is cheap; a good estimate for installation is \$0.15 a square foot for rock to be hung. Using 2 tubes of Green Glue at full retail + freight is \$30 a sheet. A sheet of drywall is \$9.00. Also, you'll throw away 12% of any drywall as waste; have to add 12% to the cost of the drywall.

	Green Glue	"Quiet" Sheetrock
5/8" Drywall	3 sheets x \$9 = \$27	1 sheet x \$9 = \$9
"Quiet" Sheetrock	none	2 sheets x \$50 = \$100
Green Glue	\$30.00 with shipping	none
Waste	\$3.24 per sheet	\$13.08 per sheet
<b>Total</b>	<b>\$60.24</b>	<b>\$122.08</b>

## When you have the facts, the choice is simple!

The Green Glue wall is heavier, and more damped, which means it's better for low frequencies and higher STC. Also, to "score and snap" "Quiet" Sheetrock is not as easy as it sounds... it scores, but no snap, ends up requiring a skill saw. That's why some of the biggest fans of Green Glue are crews that have installed high priced "Quiet" sheetrock at some point.

It's obvious that the cost is not comparable; Green Glue is much cheaper even with installation. Better performance and a lower installed cost makes the choice simple.