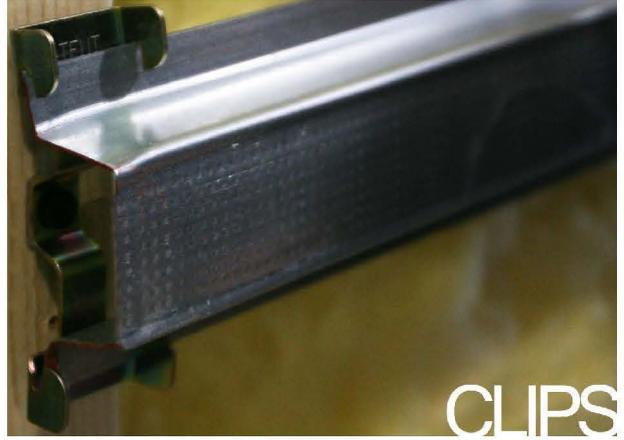


GREEN GLUE

noiseproof your life



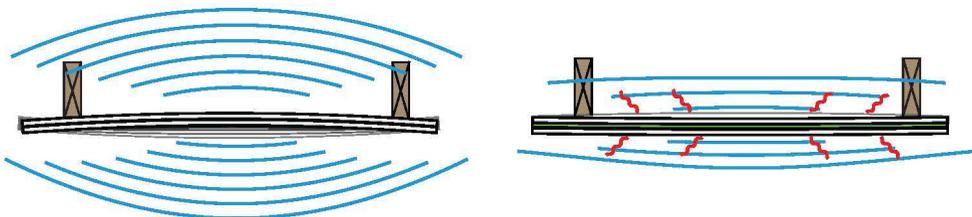
dB Acoustics Pte Ltd
delivering Best sustainable acoustic solutions

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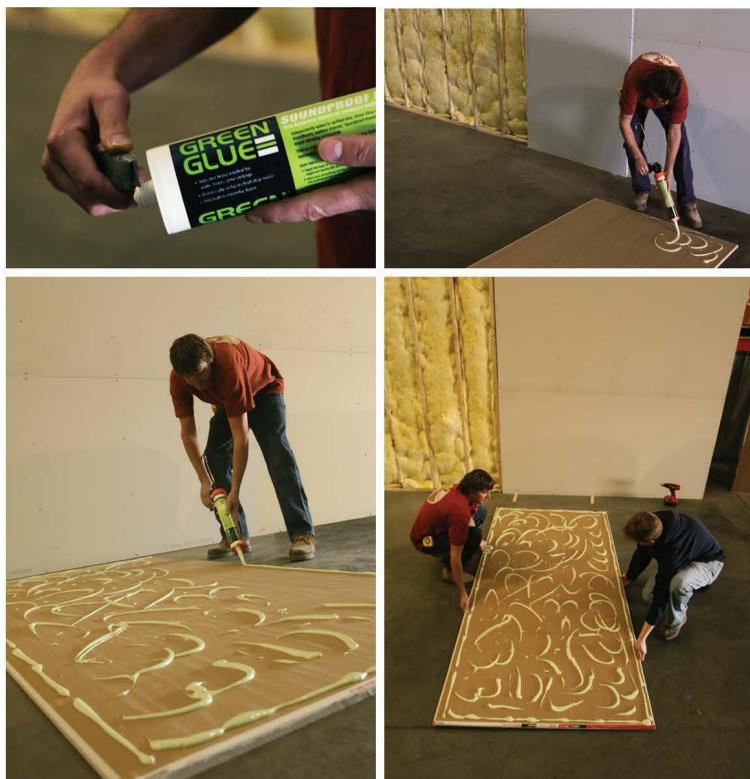
What is **GREEN GLUE** and how does it work?

Green Glue is a viscoelastic damping compound that, when sandwiched between two layers of rigid material, greatly reduces the amount of sound transmitted through walls or ceilings, and reduces the amount of noise generated from impacts on floors.



Sound transmits through a wall by vibrating one side of the wall, which in turn vibrates the other. In a wall containing Green Glue, this vibration is constantly converted to heat, greatly reducing the amount of sound transmitted through the wall. As noise vibrates the wall, Green Glue works to take the vibration out.

GREEN GLUE is fast and easy to apply



Installing Green Glue is fast. Green Glue's user friendly consistency makes it easy to dispense. To apply Green Glue, use any standard quart size caulk gun. Cut the tip, then attach and cut the nozzle and Green Glue is ready to dispense. Leave 2-3 inches around the perimeter to allow for easy handling of the drywall.

GREEN GLUE is environmentally friendly

Very low VOC (<5 grams/liter)

Meets 100% of VOC regulations.

Recycled packaging

Our tubes are made with 100% recycled material. Our boxes are made with recycled cardboard.



Near zero waste in production

Our manufacturing process was designed so that there is virtually no waste water or waste materials produced.

Low Energy Consumption

Energy consumption for Green Glue is kept at an absolute minimum. When calculating energy consumption, we include Green Glue production, packaging, office computers, lights, and even the coffee pot. Since each case of Green Glue covers the equivalent of six sheets of drywall (or more) and is used with locally available building materials, there is much less energy used in transportation as compared to factory laminated drywall or other sheet products.

GREEN GLUE health and safety

Safe to Use

Green Glue products contain no hazardous materials and give off no harmful fumes. All of our products contain less than 5 grams per liter VOC.

Fire Tested



Caulkings and Sealants
44XU
Surface Burning Characteristics
Green Glue Noiseproofing Compound
Applied to Inorganic Reinforced
Cement Board

Flame Spread 10
Smoke Developed 5

Tested as applied in three 3/8 in. beads 5 in. OC,
Covering 6.3 percent of the exposed test sample area.



ADHESIVES
44XU

Listed in accordance with
CAN/ULC-S102
Green Glue

Tested as applied in three 11.1 mm diameter
beads, 127 mm on center covering 7.4% of the
exposed test sample area

Flame Spread SMOKE DEVELOPED

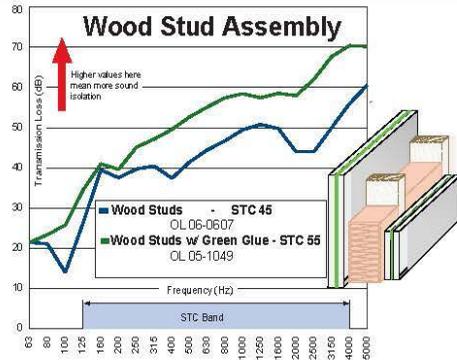
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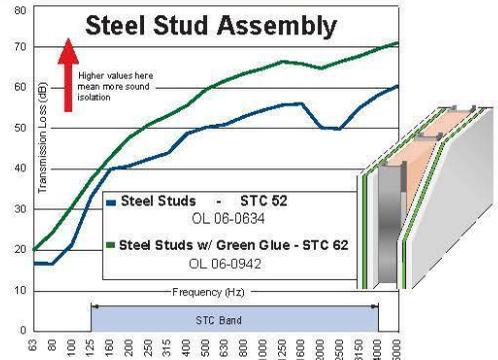
Does Not Promote Mold Growth

Green Glue has been tested in accordance with ASTM D 3273 for mold growth and has been shown to have complete resistance to mold growth.

GREEN GLUE performance on standard wall assemblies

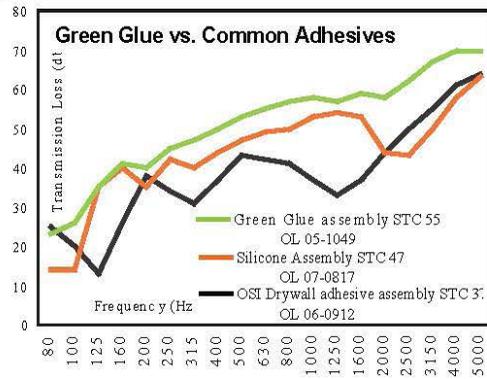


Both assemblies had two layers of 5/8" drywall on each side of a 24" OC wood stud wall with fiberglass insulation in the stud cavities. The difference is 2 tubes of Green Glue per 4x8 sheet.



Each assembly had two layers of 5/8" drywall on each side of a 24" OC 25 gauge steel stud wall with fiberglass insulation in the stud cavities. The only difference is the addition of 2 tubes Green Glue per 4x8 sheet.

GREEN GLUE vs. common adhesives



This graph compares Green Glue to a drywall adhesive and silicone caulk. While these products are not typically used for sound control, how Green Glue compares to them is a question we commonly get asked. You can clearly see that neither product is very effective for sound isolation. The rigid drywall adhesive actually makes the wall worse.

GREEN GLUE vs. Soundboard

Here we compare Green Glue to soundboard. The tests were done on a 24" OC wood stud wall with fiberglass insulation in the cavities. The soundboard assembly was 2 layers of 5/8" drywall with 1/2" soundboard between on each side. The Green Glue assembly was 2 layers of 5/8" drywall on each side with Green Glue Noiseproofing Compound sandwiched between.



Boardwalk Condos, Grand Rapids MI



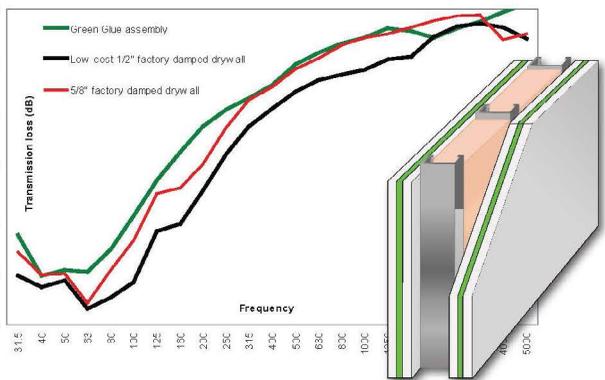
COMMENTS FROM THE BUILDING MANAGEMENT:

"The results are amazing. Since installing the Green Glue, we have not received a single noise complaint. We are very pleased with the results. We placed a very loud air compressor in a bedroom as a test. This was much louder than a typical condo owner would play music. In the room next door we heard nothing. It was unreal. Our installers found the Green Glue tubes to be extremely fast and easy to work with. We tried other methods of soundproofing such as soundboard and resilient channel. We found Green Glue to be the least expensive and clearly the best performing"

GREEN GLUE vs. Factory Damped Panels

Green Glue is compared to Factory Damped Panels more than any other product. It's easy to see why. FDP's are simply two thin panels sandwiched together with a damping material. In some cases, a thin sheet of a heavy material (such as metal) is also sandwiched between the two panels. This insert improves performance slightly but makes the panels heavy, hard to cut, and extremely expensive.

This graph shows Green Glue (STC 61) vs 1/2" FDP (STC 50) and 5/8" FDP (STC 57) in a steel stud wall. You can see that Green Glue outperforms the 5/8" FDP by 4 STC points and greatly outperforms the 1/2" FDP by 11 STC points. Green Glue has a clear advantage at low frequencies which is where most of the "problem noises" occur. This includes things like home theater systems and traffic noises.



GREEN GLUE pricing



In nearly every application, Green Glue is proven to be more cost effective than competitive products. Installation of Green Glue is fast and easy. It takes less than a minute to extract a tube of Green Glue. This means that additional labor costs are extremely low. Since Green Glue is applied only on drywall that is already cut to fit, there is no waste. If a panel is smaller, simply use less Green Glue. The combination of low labor costs and zero waste on the job site makes Green Glue the most cost effective solution for sound transmission problems on the market today.

GREEN GLUE noiseproofing system



Noiseproofing Compound

Our flagship product, Green Glue Noiseproofing Compound, can be used in walls, ceilings, and floors to drastically dampen vibrations. By damping these vibrations, Green Glue is able to reduce the amount of sound transferring from one side of the structure to the other. Green Glue works so well due to the fact that it will always remain in a tacky state. It will never dry out and become rigid like conventional adhesives.

Available in: 28 oz tubes (cases of 12)
5 gallon Pails
Bulk containers available upon request

Noiseproofing Clips

Green Glue Noiseproofing Clips are a great way to isolate structural vibrations. The sound clips attach to the stud or joist. Hat channel clips to them, providing a place for drywall screws to anchor to. Our Clips can safely support up to 3 layers of 5/8" drywall.



Noiseproofing Sealant

Our Green Glue Noiseproofing Sealant is used to seal gaps between drywall and floors as well as spaces around electrical boxes, light fixtures, or any spots in the wall where the drywall ends. Our sealant is specially formulated to never dry out and crack, allowing for a lifetime of leak free walls. It can be mudded and painted over a few short hours after application.

Available in: 28 oz tubes (cases of 12)

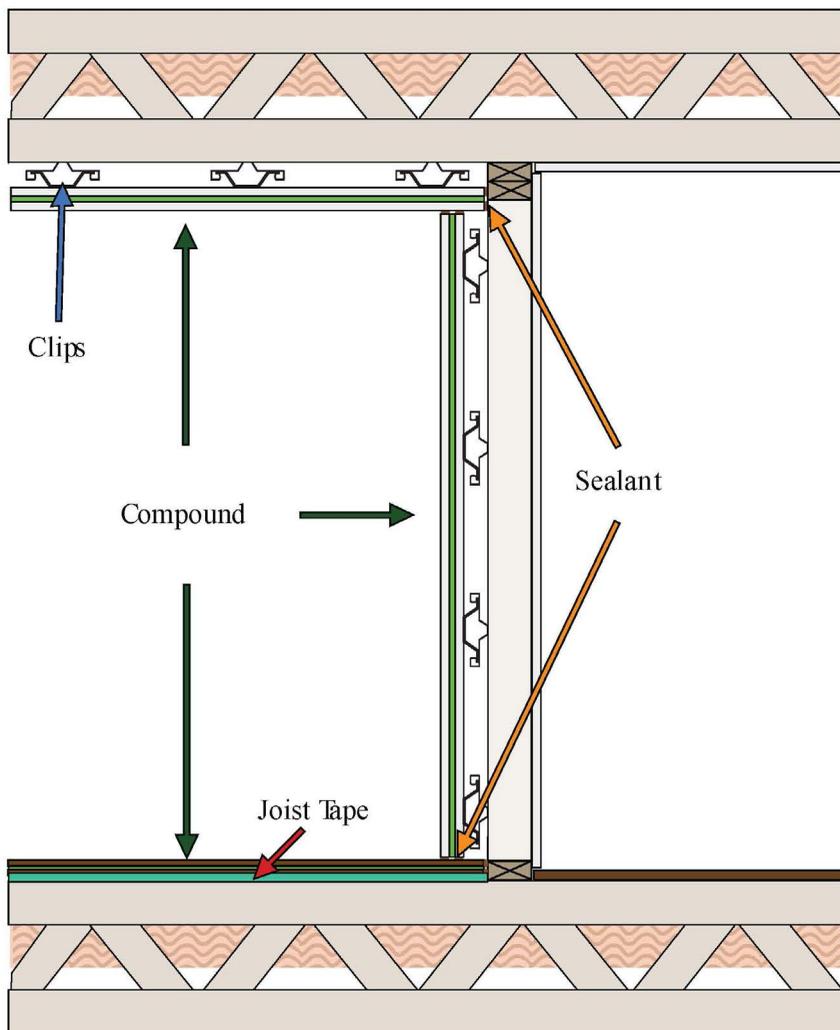
Noiseproofing Joist Tape

Green Glue Noiseproofing Joist Tape is used between sub flooring and joists to eliminate squeaking floors. It is also a great compliment to our Noiseproofing Compound when working to eliminate impact noise. The general cause of noisy floors is the rubbing of the sub floor on the joists. Our Joist Tape provides a cushion for the sub floor to sit on so that this common problem can be easily eliminated.

Available in: 1 7/16", 2", and 3" rolls (100ft / roll)



How to utilize the GREEN GLUE Noiseproofing System



Club Sanctuary, Ft. Meyers FL testimonial



COMMENTS FROM THE BUILDING MANAGEMENT:

"This installation absolutely saved us. The Homeowners Association that was concerned actually sent us a letter thanking us for our soundproofing efforts and considered the issue closed. Even the police have commented how quiet it is these days. The installation was faster than the contractor anticipated. He felt that using the Green Glue was a very straightforward process." "This solution was much less expensive than other products we had considered. We're glad we made the right choice."

About GREEN GLUE

Green Glue

The Green Glue Company began with a home theater builder who went to great lengths to soundproof his room. His finished home theater used room within a room stud walls, double drywall, exotic soundproof doors, the works. Ultimately, however, he was disappointed in the results, particularly at low frequencies.

A research and development firm specializing in specialty coatings and viscoelastic materials was consulted to create a soundproofing material that would outperform current products especially at low frequencies. The result of this simple inquiry into the possible application of viscoelastic technology to improve sound isolation was named Green Glue. Today, Green Glue has become the best selling product of its kind, with millions of square feet used to soundproof walls, floors, and ceilings.



Performance Plastics

In 2008, Green Glue became a part of the Saint-Gobain Performance Plastics Foam division. Saint-Gobain Performance Plastics, part of Saint-Gobain's Innovative Materials Sector, is headquartered in Aurora, Ohio, and employs 4,800 people in 15 countries. It is a world leader in high-performance plastics including flexible tubing applications, seals, coated fabrics, films, foams, polymer products, and bearings.

About Saint-Gobain

With more than 1,000 subsidiaries in 59 countries, Saint-Gobain is the world's largest manufacturer and distributor of building materials, and a leader in the production of high-performance materials and glass containers. Founded in 1665 and headquartered in Paris, Saint-Gobain had worldwide sales of \$64.4 billion in 2008 and 210,000 employees. In the United States and Canada, Saint-Gobain employs approximately 20,000 people, and had sales of \$8.1 billion in 2008.

Houston Structural, Inc. Testimonial

We received a request from one of our clients to use Green Glue® for their home theater project. We proceeded to use the product after our initial research showed that it had promise. We found Green Glue® to be fast and easy to use, and were very impressed with the results. The clients were so happy with the results that they wanted to use the product in other areas of their remodel.

Houston Structural, Inc. has now used Green Glue® in several of our remodels, with applications in home theaters, game rooms, and other areas requiring higher levels of soundproofing.

-Ryan Haas

Granahan Construction Testimonial

We just completed another job with Green Glue® and wanted to tell you how pleased this one particular customer is. She has a loud snoring neighbor that kept her up at night. She shares a common wall with him in her condo. A quick application of the Green Glue® and drywall to that common wall solved the problem. Although we do all sorts of projects, large and small, this one was quite satisfying given this lady's obvious emotional relief after we were done. We have several large jobs on the horizon where we will be using Green Glue®. Thanks again for introducing it to us!

-John Granahan

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SAINT-GOBAIN
PERFORMANCE PLASTICS

