

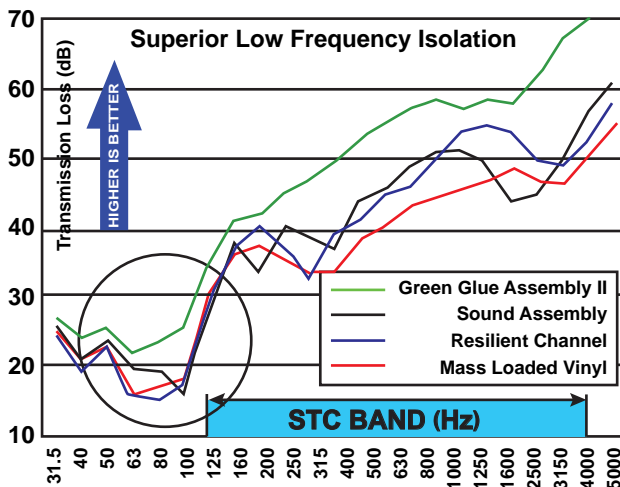
Green Glue

Damping Compound for Walls, Ceilings & Floors



Green Glue is used to soundproof walls, floors and ceilings. It can be used in new construction, building upgrades and renovations.

Since Green Glue is intended to be sandwiched between two sheets of building material such as drywall, it eliminates the need to remove existing wall and floor materials.



TYPICAL PHYSICAL PROPERTIES

Working Time: 30 minutes (max.)

Application Temp: 40-90 deg. F

Cure Time: 7-10 days

Viscosity: Light paste

Odor: Mild (temporary)

Coverage: Approx. 16 sq. ft. per tube

Green Glue is a water-based, viscoelastic damping compound, with a performance that is higher than any product of its type. It dampens air and structural borne sound and can be used in virtually any drywall or ceiling assembly. Green Glue can be used in plywood and OSB assemblies.

Green Glue is extremely easy to use. No special trades or training required. Ideal for DIY applications.

- Non toxic.
- No mixing required.
- Simple, familiar, large 'caulking gun' application.
- Considerably reduced cost compared to factory damped drywalls.
- Light material squeezes easily from tube.

WALLS AND CEILINGS

- Improved sound isolation.
- Outstanding low frequency isolation.
- Eliminates short circuit risk in resilient channel walls.
- Reduces impact sound.
- High performance at a low cost per square foot.
- Thoroughly lab tested.

OTHER APPLICATIONS

- Reduces impact noise in floors.
- Quiets stairs and risers.
- Dampens stages, platforms and other structures.
- Ideal for loud speaker construction.

EASY TO INSTALL

- Dispenses in a matter of seconds.
- Applied in a random pattern.
- No measuring.
- No troweling.
- Regular use of screws in the drywall assembly in accordance with local building codes.
- Construction methods are unchanged.
- Available in 828 ml (28 oz) tubes or 5 gallon pails by special order.

Green Glue creates a great acoustic sandwich!



Green Glue is a constrained layer damping material. It must be used between two layers of building materials – ie. plywood or drywall to be effective. Green Glue is not effective as a paint or surface coating. Performance is improved when additional layers are added to the sandwich assembly.

COVERAGE

One tube of Green Glue will cover approximately 16 square feet. One sheet of drywall (32 sq. ft.) will require 2 tubes of Green Glue. If budget allows, the use of 3 tubes per sheet of drywall will slightly improve the low-frequency performance around primary resonance. Do not use more than 3 tubes per sheet as the performance is not improved.

HANGING THE FIRST LAYER OF DRYWALL

The first (and second) layer of drywall should be installed with a small gap – 1/8" to 1/4" around the perimeter – between the adjacent walls and ceiling. This allows for Noiseproofing Sealant to be used to ensure there are no flanking paths from surface to surface.

After hanging the first layer of drywall, it would also be beneficial to seal the seams between the drywall sheets with sealant or drywall mud. Make sure the first layer is smooth with no lumps or bumps. Any protruding bits of mud or caulk will prevent the second layer from sitting flat against the first layer of drywall.

APPLYING THE GREEN GLUE

Cut the tip of the Green Glue tube to an opening of 1/8" to 3/8". Apply the Green Glue to the back of the drywall while it is on the floor or sawhorse brackets. The application pattern is random, but it should be uniform across the sheet. You can leave a border around the outside to make it easier to handle the sheet without getting your hands in the Green Glue. This will not affect the performance.

Raise the sheet and press onto the wall or ceiling, screwing into place.

For the best sheet contact, place the first screws in the centre of the drywall, and work towards the edges. The second sheet should be installed within 15 minutes of applying the Green Glue. Drywall sheets must be screwed together while the Green Glue is still wet.



Do not leave large areas of the sheet without any Green Glue coverage.

Application can be random, but it should be uniform across the sheet. A small border around the outside edges helps with handling.



IMPORTANT NOTICE

In construction applications screws are always used when using Green Glue. Green Glue is in no way a replacement for screws. Screws assist with the compression of the Green Glue into a thin film - they will not degrade the performance.

Green Glue Smell: Much like paint, when applying a lot of Green Glue you will notice an odor. This is harmless and will dissipate quickly once dry. Work in a well ventilated area. A cold room will not promote drying and will actually slow down the drying process causing the odor to last longer.

Green Glue Drying Time: Because Green Glue is water based, curing time is required for effectiveness of treatment to be apparent. Expect 7 to 10 days curing time before the sound isolation begins to improve. Low temperatures and high humidity increases cure time.

GREEN GLUE IS VERY STICKY!!

Take precautions to ensure that the Green Glue goes only where you want it to. If the Green Glue contacts other surfaces, make sure it is removed before it dries.

Products that clean well are Avon Skin So Soft Bath Oil* and citrus based cleaners like Goof-Off* and Goo-Gone*. There is nothing harmful about Green Glue, but it can be tough to clean up, especially after it has dried. Installers should be advised to use drop cloths and latex gloves.

* Users of these and any other products are responsible for determining suitability for their application.