



# Sound Damp2

## Drywall Damping Compound

Often after buildings are occupied, noise problems are discovered. At this point it may be too costly and disruptive to remove drywall and add our high STC IsoMax clips. Sound Damp2 allows the easy addition of a layer of drywall, and raises the STC of the wall much higher than drywall alone.

Sound Damp2 can save valuable installation time with its more efficient application method. Damping compounds are traditionally applied with caulking guns. Sound Damp2 replaces tubes and caulking guns with an inexpensive and disposable low-nap roller. Sound Damp2 is applied continuously across the entire back of the drywall sheet, reducing application time and eliminating the guesswork of proper consistency.

- Most effective for studs walls spaced at 24" on center
- Great for renovations
- Reduces Sound Transmission
- STC-53 (2x4 wall)
- Easy to apply using simple paint roller– 40% time savings over caulking tubes
- Odorless after drying
- Easy water clean up
- 5 gallon pail covers 370 sq/ft (11 - 4' x 8' sheets)
- No special guns or applicators required
- Mildew and water resistant

A secondary benefit of damped drywall, when used in critical listening spaces, is reduced room reverberation times and improved low frequency absorption. The room simply sounds better, more articulate. This room acoustics improvement is often desirable in music performance, recording, and home theater spaces.



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CONSTRAINED-LAYER DAMPING COMPOUND  
**SOUND DAMP2**  
INSTALLATION GUIDELINES

**Notes**

- Store between 40-120°F (5-49°C)
- Apply at room temperature
- Approximately (11) 4'x8' sheet coverage per 5 gallon bucket

**Preparation**

1. Clean all surfaces free of dust & debris. Surface must be smooth and free of obstructions, such as nails, excess joint compound, etc.
2. Install first layer of wall/ceiling/floor sheathing or gypsum board per material manufacturer's installation instructions.
3. Use acoustic sealant around all cut-outs.
4. Prepare second layer of material for any cut-outs and clean back surface of dust & debris.
5. Stagger all sheathing or gypsum board seams.

**Sound Damp2**

6. Apply Sound Damp2 over back of second layer with bucket trowel or putty knife. Evenly distribute approximately 55-60 oz. per 32 square foot of wall/ceiling/floor area.
7. Using a short nap paint roller cover, roll to a thin continuous layer.
8. Fasten Sound Damp2 treated layer of sheathing or gypsum board (per manufacturer's instructions) over first layer area within 10 minutes of application, sandwiching Sound Damp2 between the layers.
9. Apply acoustic sealant around wall and/or ceiling perimeter and penetrations.
10. Clean up with warm water

**Disclaimer**

*These application notes represent generally accepted procedures for successful installation of Sound Damp2 Constrained-Layer Damping Compound. These suggestions may be followed, modified, or rejected by the owner, engineer, contractor, and/or their respective representative(s) since they, not Kinetics Noise Control, are responsible for planning and executing procedures appropriate to a specific application. Kinetics Noise Control reserves the right to alter these suggestions and encourages contact with the factory or its representatives to review any possible modification to these application notes prior to commencing installation.*