



The Leader in Architectural Audio™

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# SONAFILL™ INSTALLATION INSTRUCTIONS ACOUSTIC DAMPING MATERIAL

## SONAFILL INSTALLATION INSTRUCTIONS

The Sonafill™ system is composed of four 6" x 12" damping tiles and two square acoustic pillows. The four tiles are adhered to the inside surface of the wall above and below the speaker cutout; the pillows are placed in the wall cavity above and below the speaker cutout. The Sonafill system greatly reduces the coloration caused by drywall resonance. Another benefit of the Sonafill system is the reduction in sound transmitted to the room located behind the speaker.

### Step 1

Sonafill installation begins with the drywall installed and finished and the speaker mounting hole already cut. Any fiberglass already in the stud bay where your Sonafill will be installed should be pushed away from the speaker cutout approximately 15" up and down. This allows enough space for installation of Sonafill and its proper operation.

### Step 2

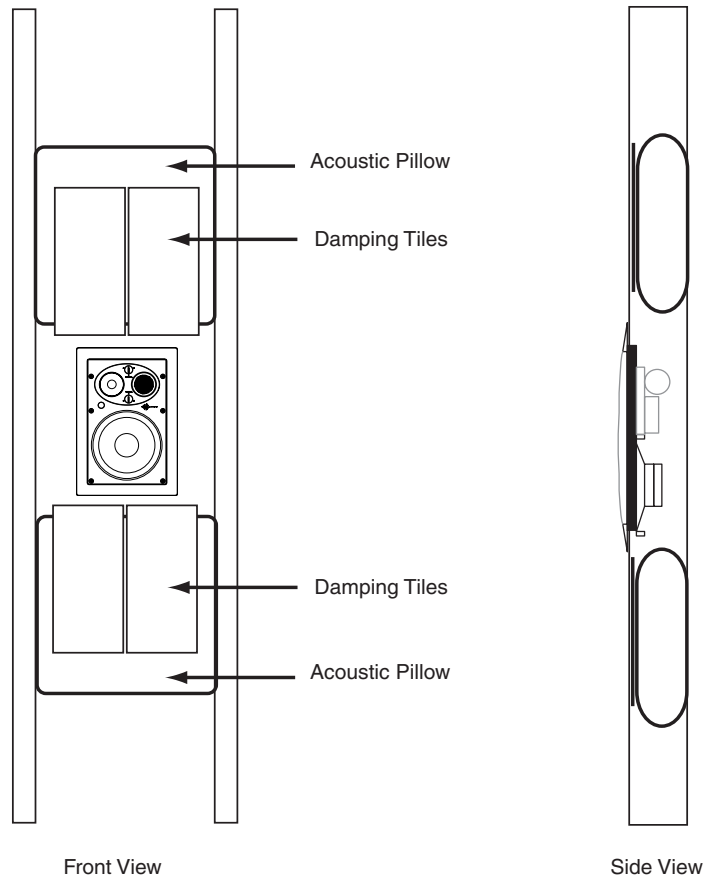
Locate the four Sonafill adhesive-backed damping tiles. Lightly brush off any debris from the inside surface of the drywall where the Sonafill will be installed. Peel the protective coating off the back of one of the tiles. Fit the tile through the speaker cutout with the adhesive side facing you. Attach the first tile 2" above the speaker cutout and to the left of center. Install the second tile 2" above the speaker cutout and to the right of center. Repeat the process for the remaining two tiles 2" below the speaker cutout. The adhesive on the tiles is tenacious; be sure to plan the installation of the four tiles before attaching.

### Step 3

Locate the two acoustic pillows. Install one pillow inside the wall 2" above the speaker cutout. Install the second pillow 2" below the speaker cutout. The pillows contain a randomly-twisted fiberglass. This type of fiberglass is designed to eliminate sagging and movement after installation, so the acoustic pillows will stay where they are needed. Once installed, the acoustic pillows break up any standing waves that occur in a wall cavity.

### Step 4

Install the speakers in the wall as usual. You will notice a dramatic increase in the clarity and definition of bass and mid bass frequencies. The reduction of drywall resonance will be most noticeable on male voice, drums, bass guitar, as well as any type of surround sound effect containing low to mid frequencies.



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