



dB3[®] MAX



dB4[™] MAX

Wall or Ceiling Overlay Installation Instructions

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dB4 Max/dB3 Max, Existing Wall/Ceiling Overlay

dB4 MAX or dB3 MAX may be used to substantially improve the sound transmission loss of an existing interior wall or ceiling without removing or replacing the existing materials. The installation requires only dB4 MAX or dB3 MAX with minimum 3/8" thick gypsum and fasteners; 1/2" or 5/8" gypsum is preferred.

Wall Installation

1. Install the dB material vertically on the subject wall over the existing drywall.
 - a. The white side is to be facing the existing drywall.
 - b. The dB material is attached only at the top with 4-5 fasteners. Staples are preferred for wood construction, pan head screws for metal framing. Use the lightest gage staple or screw possible; bigger fasteners transmit more sound.
 - c. One or 2 fasteners may be installed along the vertical edge of each piece to maintain a good seam.
2. Install the gypsum over the dB material.
 - a. Stagger the gypsum joints so that they do not line up with the seams of the dB material.
 - b. Fasten the gypsum as required for proper installation but no more fasteners than necessary.
 - c. Mud and tape as usual.
 - d. The wall may be textured and painted as desired.
 - e. For best performance, baseboard should be installed using an adhesive rather than fasteners. If fasteners are necessary, the number may be minimized by using a combination of fasteners and adhesive.

Ceiling Installation

1. Install the dB material over the existing drywall.
 - a. The black side should face the existing drywall.
 - b. Attach the material with pan head screws to hold it in place until the new layer of drywall can be installed.
 - c. An alternate method for ceiling installation is to lay the dB material black side up on the new drywall and install both at the same time.
2. Install the gypsum over the dB material.
 - a. Fasten the gypsum as required for proper installation but no more fasteners than necessary.
 - b. Mud and tape as usual.
 - c. The ceiling may be textured and painted as desired. If the ceiling has recessed lighting, lights should be removed and backed with a minimum 3" layer of mineral wool insulation for best acoustic performance.

NOTE: Ceiling installation of a 2nd layer of drywall described above may require the resilient channels be installed at 16" oc. Check with the resilient channel manufacturer for instructions.

