



INSTALLATION INSTRUCTIONS

** The **preferred installation** procedure is to add dB-3[®] PRO to the backside of the drywall and install as per typical drywall installation techniques.

STEP 1: Apply acoustical caulk on top and bottom of wall system to prevent noise leakage through the frame wall system.

Step 2: Staple or glue dB-3[®] PRO to the backside of the drywall.

STEP 3: Hang and install drywall as per standard installation techniques

STEP 4: Apply acoustical caulk along the joints to ensure a proper seal once drywall is installed.

STEP 5: Add adjacent layer of drywall and repeat.

Alternative Installation Technique (apply on wall framing)

STEP 1: Apply acoustical caulk on top and bottom of wall system to prevent noise leakage through the frame wall system.

Step 2: Staple or adhere dB-3[®] PRO to the wall framing. For wood studs, nails or staples can be used. For metal wall systems, use a double sided tape on both the horizontal and vertical studs to adhere dB-3[®].

STEP 3: Align dB-3[®] on the VERTICAL stud. Position the edge of dB-3[®] Pro in the center of the stud 48" away from the corner. Nail, staple or use adhesive to secure dB-3[®] in vertical alignment.

STEP 4: Continue to nail, staple or adhere this dB-3[®] layer until it is secured and flush to the wall system.

STEP 5: On the adjacent sheet, position the dB-3[®] PRO layer along the exposed surface of the vertical stud where the other sheet resides on. **DO NOT OVERLAP THE SEAMS.** This will enable the finished drywall layer to have a flush finish.

STEP 6: Apply acoustical sealant on all exposed joints and electrical outlets to prevent any noise leakage from one room to another.





CLAIMS

Optimal noise reduction through walls and floors can only be accomplished when the wall system as a whole is evaluated for overall effectiveness. dB-3® is a valid product to reduce noise between walls, but its overall effectiveness can be influenced by the following:

- Poorly sealed seams can allow airborne noise to travel through.
- Screws can 'ground out' the wall system and allow for structure borne noise to transfer from one room to another.
- Wood studs transfer noise more efficiently than metal studs (choose metal studs whenever possible to minimize amount of noise transfer between rooms)

See www.db-3sam.com for additional wall assemblies that can effect overall performance.

PREPARATORY WORK

- This work instruction is designed to be a general overview.
dB-3® is heavy and is at least a 2-man job.
- Adequate supplies of dB-3® PRO, insulation, fasteners, acoustical caulk and sealer seam tape should be on hand.

HANDLING AND STORAGE

- Deliver and store dB-3® PRO protected from exposure to extreme or harmful environmental conditions and temperatures.
- Ensure the product is clean and dry prior to installation.
- Keep away from extreme heat and cold
Cover from water – to keep clean and dry.

TOOLS NEEDED

- Utility knife – to cut dB-3® PRO.
- Nails, screws or staples (air stapler is the preferred choice of installers).

POSITIONING OF dB-3®

dB-3® has a reinforcement layer added to it for additional strength to aid in the installation on the wall assembly. This is the 'white' layer visible on one side.

Position this 'white' fibrous layer to the outside (facing the inside of the room) as it will aid in the absorption of noise in the cavity between the drywall and the dB-3® layer.

BUILDING CODES

Please review any local, state and federal codes to ensure compliance of dB-3® PRO.

dB-3® PRO is a moisture barrier. See local building codes for where moisture barriers can and cannot be used.

