BLUE RIDGE FIBERBOARD®

SOUNDSTOP®

SOUND DEADENING FIBERBOARD

DESCRIPTION

SOUNDSTOP sound deadening fiberboard is a high-quality, cost-effective solution to airborne sound reduction. **SOUNDSTOP** favorably increases both sound transmission class (STC) and outside inside transmission class (OITC) values of walls, ceilings, and floors by absorbing airborne sound vibrations. **SOUNDSTOP** adds sale/resale value to single- and multi-family home builders and owners at a low cost. Meeting national codes and building standards, **SOUNDSTOP** is as versatile as it is effective, perfect in applications ranging from walls to ceilings to floors. **SOUNDSTOP** will exceed your expectations for a quality building product, unmatched in cost-effectiveness and performance.

USES

SOUNDSTOP can be used in homes and commercial buildings where airborne noise and sound transmission from room to room needs to be eliminated. The product also blocks outside noise from heavy traffic, blaring horns, airports, children playing, or other exterior noises that are a concern.

SOUNDSTOP takes shock or sound vibrations that travel through drywall and stops the movement of the sound or shock to the other side. **SOUNDSTOP** deadens sound transfer from shared walls, corridors, media rooms, workshops, laundries, etc.

FEATURES/BENEFITS

- Most cost-effective noise reduction solution.
- Creates quieter spaces for added enjoyment and privacy.
- Adds resale value.
- Installs easily behind gypsum drywall.
- Contributes to LEED credits for LEED certification.

SIZING/PACKAGING

4′ x 8′ x ½″ (46 Pieces per Pallet)
4′ x 9′ x ½″ (90 Pieces per Pallet)*

*May not be available in all areas. Contact customer service for details.

SPECIFICATIONS

- Classified by Underwriters Laboratories Inc. to ANSI/UL 263, UL File R25702
- Conforms to ASTM C208, Type I, Sound deadening board
- Fire Resistance Rated UL Wall Designs: U305, U309, U311, U339, U340, U387, U411, U465, V346, V324 and W307
- Flame Spread Index 85 Smoke Developed 65
- Sound Transmission Class (STC) 23

APPLICATION

SOUNDSTOP must always be installed behind gypsum drywall in interior wall and ceiling applications, or between two layers of subfloor in floor applications. Install **SOUNDSTOP** vertically to wall framing with a 1/8″ (3.2 mm) gap between adjoining sheets; at wall, floor and ceiling junctures; and around door and window openings. After application of **SOUNDSTOP** panels, it is recommended that the drywall is applied as soon as practical.

Existing Surfaces … Make sure that all light switch and electric outlet covers are removed. Walls must be free of any objects sticking out of the walls and ceiling. Proper size mud rings must be installed to electrical boxes before securing **SOUNDSTOP**. Apply **SOUNDSTOP** by using drywall screws or drywall nails that are long enough to penetrate the wall stud or ceiling joist at least ¾″ (19.1 mm). Place a drywall nail or screw in each corner of **SOUNDSTOP** and across the middle of each panel. Then apply a bead of acoustical caulk where **SOUNDSTOP** meets the ceiling, wall corners, and the floor. Install drywall ensuring that joints are staggered and do not coincide with the **SOUNDSTOP** joints.

Use regular drywall nailing patterns to install drywall, making sure that the fasteners are long enough to penetrate through the drywall and **SOUNDSTOP**, and enter the ceiling joist or the wall stud at least 3/4″ (19.1 mm). Maximize use of full **SOUNDSTOP** panels to minimize the number of seams.

New Construction ... Apply **SOUNDSTOP** panels vertically with the studs, using proper size drywall nails or screws. Place a drywall nail or screw in each corner of **SOUNDSTOP** and one nail or screw in the middle of each board. Then apply a bead of acoustical caulk where **SOUNDSTOP** meets the ceiling, wall corners, and the floor. Install drywall ensuring that joints are staggered and do not coincide with the **SOUNDSTOP** joints. Maximize use of full **SOUNDSTOP** panels to minimize the number of seams.

Ceilings in New Construction ... Install **SOUNDSTOP** parallel with the joists. Put one drywall nail or drywall screw in each corner of **SOUNDSTOP** and a row of drywall nails or drywall screws across the middle of each **SOUNDSTOP** sheet. If the outside edges of **SOUNDSTOP** are not secure, more nailing may be required. Use as many full sheets of **SOUNDSTOP** as possible to minimize the number of seams. Run a bead of acoustical caulking around the edges of the ceiling before applying drywall. Install drywall, ensuring that joints are staggered and do not coincide with the **SOUNDSTOP** joints. Drywall nails or drywall screws must be long enough to penetrate through the drywall and **SOUNDSTOP** and into the ceiling joist at least 3/4″ (19.1 mm). The drywall nail or drywall screw length will vary depending on the thickness of the drywall. Multiple layers also will change the length of the drywall nails or drywall screws. Make sure proper width mud rings are installed to the electrical boxes before **SOUNDSTOP** and drywall are installed.

PRECAUTIONS

Do not install **SOUNDSTOP** directly under finished flooring applications. A 5/8" (15.9 mm) plywood underlayment must be installed on top of the **SOUNDSTOP** before finished flooring applications. Do not install **SOUNDSTOP** under studded wall plates.

SOUNDSTOP must not be used in close proximity to chimneys, heater units, fireplaces, steam pipes, or other surfaces which could provide long-term exposure to excessive heat (maximum 212° F) without adequate thermal protection.

In all applications where recessed lighting is used, fixtures must meet local building code; must be UL certified, Type IC rated; and must be installed according to the fixture manufacturer's instructions on clearance distance to combustible materials.

SOUNDSTOP must not be used as an exposed surfacing treatment.

For most current LEED information, visit: https://www.blueridgefiberboard.com/green-building/

Limited Warranty: BLUE RIDGE FIBERBOARD, INC. warrants at the time and place we make shipment, our material will be of good quality and will conform with our published specifications in force on the date of acceptance of the order. Read complete warranty. Copy furnished upon request.

Disclaimer: The information contained herein is included for illustrative purpose only, and to the best of our knowledge, is accurate and reliable. BLUE RIDE FIBERBOARD, INC. cannot however under any circumstance make any guarantee of results or assume any obligation or liability in connection with the use of this information. As BLUE RIDGE FIBERBOARD, INC. has no control over the use to which others may put its product, it is recommended that the products be tested to determine if suitable for specific application and/or our information is valid in a particular circumstance. Responsibility remains with the architect or engineer, contractor and owner for the design, application and proper installation of each product. Specifier and user shall determine the suitability of products for specific application and assume all responsibilities in connection therewith.

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