DATA SHEET

SOUNDSTOP®

NO. 004

Soundproofing Fiberboard

DECEMBER 2010
(Supersedes April 2010)

DESCRIPTION

SOUNDSTOP fiberboard is a high-quality, cost-effective solution to all sound deadening, soundproofing, or sound insulation needs. 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 all homes and commercial buildings where 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.

SIZING/PACKAGING

4’ x 8’ x ½” (46 Pieces per Pallet)
4’ x 9’ x ½” (46 Pieces per Pallet)

LEED INFORMATION

May help contribute to LEED credits:

- MR Credit 2: Construction Waste Management
- MR Credit 4: Recycled Content
- MR Credit 5: Regional Materials
- MR Credit 6: Rapidly Renewable Materials
- IEQ Credit 4.4: Low-Emitting Materials – Composite Wood and Agrifiber Products

SPECIFICATIONS

- Classified by Underwriters Laboratories Inc. to ANSI/UL 263.
- Fire Resistance Rating UL Design No. U387

APPLICATION

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 ¾”. Place a drywall nail or screw in each corner of SOUNDSTOP and nails or screws across the middle of each board. Then apply a bead of acoustical caulk where SOUNDSTOP meets the ceiling and the sides of the walls and the floor. Always secure nails or screws to studs. Install the second layer of drywall in the opposite direction of SOUNDSTOP, making sure that SOUNDSTOP and the drywall seams do not line up. This will help prevent the transmission of sound. Be sure that the proper size drywall nails or screws are used during the installation. Nails and screws must be secured to studs whenever installing drywall over SOUNDSTOP. Use regular drywall nailing patterns to install the drywall, making sure that the drywall screws or drywall nails are long enough to penetrate the drywall and SOUNDSTOP and enter the ceiling joist or the wall stud ¾”. Maximize use of full SOUNDSTOP boards to minimize the number of seams.

BLUE RIDGE™ FIBERBOARD

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New Construction … Apply SOUNDSTOP 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 and the sides of the walls and the floor. Next, install the drywall horizontally using the standard drywall nailing patter. Always secure nails or screws to studs. Maximize use of full SOUNDSTOP boards to minimize the number of seams.

Ceilings in New Construction … Place SOUNDSTOP on the ceiling running parallel with the joists. Put one drywall nail or drywall screw in each corner of the 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. Install drywall horizontally to SOUNDSTOP, ensuring that no seams of the drywall and SOUNDSTOP line up. This will help isolate the sounds. When installing drywall, ensure that drywall nails or drywall screws are long enough to penetrate the drywall and SOUNDSTOP. Drive into the ceiling joist at least ¾". 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. Run a bead of acoustical caulking around the edges of the ceiling before starting the walls. 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 carpeting in flooring applications. Wood sleepers measuring 1" x 3" and a 5/8" plywood underlayment must be installed on top of the SOUNDSTOP before the carpet is laid.

MASTERFORMAT 2004 NUMBER AND TITLE

09 81 13 – Acoustic Board Insulation

LIMITED WARRANTY

BLUE RIDGE FIBERBOARD, INC. warrants at the time and place we make shipment, our material will be of good quality and will confirm 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 RIDGE 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.

