BLUE RIDGE FIBERBOARD®

SOUND-ABATE™

ACOUSTICAL SHIELDING FOR WALL APPLICATIONS

DESCRIPTION

SOUND-ABATE is a mass loaded, limp vinyl sound damping material designed for commercial, industrial, and residential applications to reduce sound transmission.

USES

SOUND-ABATE is designed for installation behind gypsum drywall, finished surfaces to block and dampen sound transmission through the entire sound frequency spectrum.

APPLICATION

Place **SOUND-ABATE** sheet in position at top of the wall. Align vertical edges over center of studs. Insert staples along top edge of sheet to hold in place. Allow **SOUND-ABATE** to unroll vertically along the height of the wall. Apply additional staples along vertical edge if desired. For each additional sheet of **SOUND-ABATE** to be installed, repeat the previous procedure. Note: Ensure vertical seems center over studs. Trim sheet if necessary. Locate any wall outlet penetrations that will require access and cut an X access point for each. Caulk floor, ceiling, and corner joints before installing drywall.

Steel Stud Installation ... For installation of **SOUND-ABATE** sheets over steel studs, follow installation procedures for wood studs and replace staples with self-tapping, flat head metal screws.

FEATURES/BENEFITS

- Dampens sound and blocks noise by up to 75%.
- Easy to install - reduces labor and production costs.
- Thin profile saves material and labor with no added extensions or adjustments
- Improves HVAC efficiency.
- One layer improves STC rating by 7 in typical wood and steel studded assemblies (16" o.c., R13 batt insulation, and 5/8" gypsum drywall)
- Classified by Underwriters Laboratories, Inc. as to ANSI/UL 263 Standard, Fire Tests of Building Construction and Materials, UL File CLBV.R39387
- UL Classified in fire resistant wall designs of the U300, U400, and V400 series.

TECHNICAL DATA

Roll size = 0.10" x 4' x 25' (100 sf) at 100 lbs
Surface weight = 1.0 lb/sf
Material = EVA, Ethylene vinyl acetate copolymer
Contains no PVC
No VOC content, no off-gassing
One hour fire resistance assembly rated per ASTM E 119
Does not support mold growth
Highest Mold Resistance Rating = 10 Per ASTM D3273
STC 26 per ASTM E 90
Class C Flame Spread per ASTM E 84
Flame Spread Index 140 Smoke Developed 250
R Value ≥ 0.3

MASTERFORMAT NUMBER AND TITLE
09 81 00 - Acoustic Insulation
09 81 13 - Acoustic Board Insulation
13 48 00 - Sound, Vibration, and Seismic Control

LEED v3/2009 and LEED v4 Cross Reference Table

LEED v3/2009 New Construction	LEED v4 Building Design & Construction (LEED BD+C)
MR Credit 2: Construction Waste Management	MR Credit: Construction and Demolition Waste Management
MR Credit 5: Regional Materials	MR Credit: Building Product Disclosure and Optimization - Environmental Product Declaration
IEQ Prerequisite 3: Minimum Acoustical Performance (Schools)	EQ Prerequisite: Minimum Acoustic Performance (Schools)
IEQ Credit 4.4: Low-Emitting Materials	EQ Credit: Low-Emitting Materials
IEQ Credit 9: Enhanced Acoustical Performance (Schools)	EQ Credit: Acoustic Performance
IEQ Credit 10: Mold Prevention (Schools)	EQ Credit: Indoor Environmental Quality, Thermal Comfort
ID Credit 1: Innovation in Design	IN Credit: Innovation

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 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.