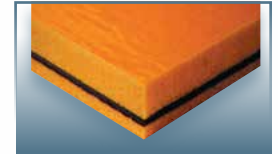


Soundcoat's family of versatile noise barrier products are specifically designed to block sound transmission through enclosures.

SOUNDMAT PB

- Highly filled, lead-free PVC septum layer
- Can be combined with one or more layers of sound absorber, film facings, decoupling foam layer
- Blocks airborne noise paths while providing thermal insulating value
- Provides additional noise attenuation by reducing low frequency noise
- Ideal for medical equipment, pleasure boats, truck/bus, off-highway vehicles



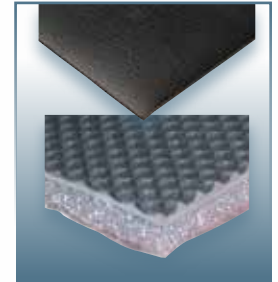
SOUNDMAT FV and FVP

SOUNDMAT FV:

- Limp mass barrier layer bonded to 1/4" layer of high efficiency acoustic foam
- Ideally suited as sound barrier for vehicular cabs and related applications
- Reduces noise transmission into the cab through the floors and walls

SOUNDMAT FVP:

- Available with attractive, scuff resistant "finished" vinyl surface
- Flexible, open cell polyurethane foam between black vinyl and closed cell foam
- Provides high performance noise control and attractive appearance
- Ideal for marine vessels, off-highway vehicles, heavy duty trucks/tractors; hard surfaces (concrete)



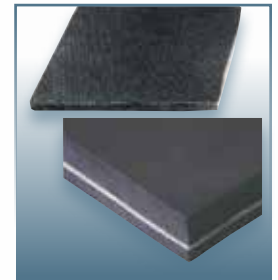
SOUNDMAT LF and LFM

SOUNDMAT LF:

- Lead septum sound barrier sandwiched between layers of 1/4" polyurethane foam and custom thickness embossed polyurethane foam
- Various septum combinations available (in number and weight)
- Ideal for luxury boats, office equipment, and off-highway vehicles

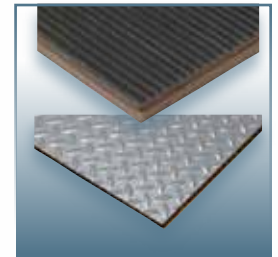
SOUNDMAT LFM:

- Combines absorption and barrier to reduce noise penetration
- Lead between Soundfoam M with matte film finish and 1/4" foam decoupler
- Foam decouples the vibrating structure from acoustical lead septum
- Excellent hydrolytic stability
- Ideal as a lining and enclosure for engine rooms, generators, compressor housings



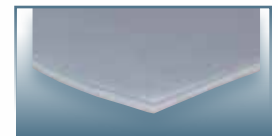
SOUNDMAT-ACOUSTIC FLOOR COVERINGS

- Reduces difficult low frequency noise; increases driver/passenger comfort
- Improves thermal insulating performance of interior cabins
- Decorative barrier composite; consists of either carpet or wear resistant mat as top layer
- Available with open cell or closed cell foam decoupling layer
- Fabricated to custom dimensional requirements
- WearMAX is formulated to meet OSHA slip resistance requirements whether dry or wet



SOUNDFAB

- Filled PVC barrier with inorganic filler and scrim
- Weight with minimum thickness; tough, flexible material
- Excellent water, petroleum and chemical resistance for industrial applications
- Ideal for gear boxes or power transmission units



SOUNDCOVER/SOUNDFORM MB

SOUNDCOVER:

- Molded polyurethane noise barrier
- High temperature resistance, high Sound Transmission Loss
- Injection molded polymer
- Custom molded into complex shapes
- Ideal for diesel engines, Class 3-8 trucks, HVAC, off-highway vehicles, appliances

SOUNDFORM MB:

- Blocks low frequency noise in transportation/industrial applications
- Available with various foam or fiber decouplers, decorative facings
- Typical cab applications: firewalls, engine covers, cowls, dash, etc.



Materials available in various densities, combinations, and finished facings as well as with pressure sensitive adhesive.

The information contained herein is based on laboratory test data developed by or for Soundcoat and is believed to be reliable, but its accuracy or completeness is not guaranteed. The buyer must test this product to determine its suitability for the specific application before use. ONLY use a Soundcoat product after thoroughly consulting instructions on the data sheet for the specific product.

SOUNDCOAT DISCLAIMS ANY RESPONSIBILITY FOR 1) WARRANTIES OF FITNESS AND PURPOSE, 2) VERBAL RECOMMENDATIONS, 3) CONSEQUENTIAL DAMAGES FROM USE AND 4) VIOLATION OF ANY PATENTS OR TRADEMARKS HELD BY OTHERS.

SOUNDMAT PB

Barrier Layer	Decoupler	Structure	Flammability Rating	Weight Per Area
Lead-Free Filled PVC	1/4", 3/8", 1/2" std. thickness. Open or Closed Cell Foam	Single Wall (std)	UL 94 V-0 (Barrier Only) UL 94 HBF (Foam & Barrier) FMVSS-302 (Foam & Barrier)	0.5-2.0 lb/ft ² in 0.5 Increments

Custom sheet sizes or die cuts available.

Soundcoat recommends additional mechanical support to secure Soundmat PB, particularly in horizontal and inverted applications.

SOUNDMAT FV and FVP (Foam / Barrier Composite)

Barrier Layer	Decoupler	Structure	Heat Resistance	Density	
Soundmat FV Soundmat FVP	Loaded PVC Sheet Lead or Filled PVC	1/4" (Open Cell Foam) 1/8" (Closed Cell Foam)	Single Wall (std) Double Wall (std)	Up to 210°F Up to 250°F	1.0 lb/ft ² 1.0 lb/ft ²

SOUNDMAT LF and LFM (Foam / Barrier Composite)

Barrier Layer	Decoupler	Structure	Color	Flammability Rating	Density
Soundmat LF	Sheet Lead (std)	None	Single Wall	Charcoal	UL 94 HF -1 1.0 lb/ft ²
Soundmat LFM	Sheet Lead	Open Cell Foam	Single Wall (std)	Standard Black, Gray	UL 94 HF -1 1.0 lb/ft ²

SOUNDMAT Acoustic Floor Coverings

Barrier Layer	Decoupler	Floormat Pattern	Carpet	Flammability Rating
Filled PVC	Open or Closed Cell Foam	Vinyl or Rubber Optional Patterns Available	Tufted Nylon 3/8", 20oz.	FMVSS - 302

Custom sizes and die cut parts available.

SOUNDFAB

Barrier Layer	Decoupler	Temp. Range	Structure	Flammability Rating	Density
Filled PVC	Open or Closed Cell Foam	0° - 200°F	Single Wall (std)	FMVSS-302	72oz/yd ² 120oz/yd ²

Can be bonded to sound absorbent foam for applications requiring sound absorption.

SOUNDCOVER/SOUNDFORM MB

Wall Thickness	Resin Type	Temp. Resistance	Flammability Rating	Density	
Soundcover	3-5 mm	Filled Polyurethane	120°C (248°F)	FMVSS-302	1.0 lb/ft ²
Soundform MB	Variable	EVA Based	65°C (150°F) Max	FMVSS-302	1.0 lb/ft ²

Contact Soundcoat sales engineering for assistance on prototype parts.

Available decouplers: open or closed cell foams.

Properties subject to change without notice. Check with Soundcoat for latest revisions. Flame, smoke, toxicity performance is not intended to reflect hazards presented by this material under actual fire conditions. The Federal Trade Commission considers that there are no existing test methods or standards regarding flammability that are accurate indicators of the performance of cellular plastic materials under actual fire conditions. Any results of existing test methods are intended for measurements of the relative performance of such materials under specific controlled test conditions.