



ENVIRONMENTAL DATA SHEET

9MM ACOUSTIC FELT

LEED Overview

- Material Ingredients, MRc5 Option 1
- MRc3 Option 2 Recycled Content
- Acoustic Performance EQc9
- Environmental Quality: Low Emitting
- Interiors, EQc2

WELL Certification V1 and V2

- Feature 74: Exterior Noise Intrusion
- Feature 78: Reverberation Time
- Feature 80: Sound Reducing Surfaces
- Feature 81: Sound Barriers
- Feature S04: Sound Absorption
- X14 Part 1: Products carry a DECLARE label and are certified Red List Free

LIVING BUILDING Challenge

- 08. Healthy Interior Environment
- CDPH Compliant
- 10. Red List Free

Declare.

9mm Acoustic Panels
MPS LLC

Final Assembly: Trenton, TX, United States
Life Expectancy: 50 Year(s)
End of Life Options: Salvageable/Reusable in its Entirety, Take Back Program (Trenton, TX), Recyclable (100)

Ingredients:
MPS 9mm PET: Polyethylene Terephthalate

Living Building Challenge Criteria: Compliant

I-13 Red List:
 LBC Red List Free % Disclosed: 100% at 100ppm
 LBC Red List Approved VOC Content: Not Applicable
 Declared

I-10 Interior Performance: CDPH Standard Method v1.2-2017
I-14 Responsible Sourcing: Not Applicable

MPS-0001
EXP. 01 OCT 2024
Original Issue Date: 2022

MANUFACTURER RESPONSIBLE FOR LABEL ACCURACY
INTERNATIONAL LIVING FUTURE INSTITUTE™ living-future.org/declare





SUSTAINABILITY PROCESS

Materials

All raw materials are sustainably sourced from carefully selected vendors within the USA, and abroad. All acoustic felt is made from low-VOC, 60% recycled polyester felt material. Hardware, fasteners, and frame components are also made from recycled aluminum. Frames are custom ordered in standardized sizes to prevent waste in the supply chain.

All MPS products are free of allergens, irritants, and coatings/ sprays that degrade or give off VOC's. All acoustic materials also meet ASTM E84 Class A, Flame Spread 40.

Manufacturing

MPS utilizes lean manufacturing processes to be as efficient as possible throughout the fabrication process. Each project is custom plotted out in order to minimize waste and reduce machine time in an effort to reduce electricity consumption. Samples are also cut from scrap material. Machines are inspected on a regular interval to ensure optimal performance and minimal energy consumption. No water is used during the manufacturing process.

Waste Management

After the lean manufacturing process, remaining scraps are used as in-fill and packing material. We also minimize waste by using scrap panels as acoustic enhancers and spacers wherever applicable (non-visible support elements). Some remaining scraps are being saved for a future design project, and MPS is evaluating a recycling program for last remaining waste.

Packaging

MPS uses 100% recycled corrugated packaging materials. Also, rather than purchasing petroleum-based packaging/ padding, we remaining scrap materials to pack and pad products during shipment.

Shipping & Logistics

All shipments are carefully planned to maximize efficiency as much as possible. Shipments are bundled to reduce the number of freight pick-ups at our manufacturing facility. Rush deliveries are also kept to a minimum in an effort to reduce CO2 emission levels.

Product Maintenance

MPS baffles and panels are inherently easy to maintain. They can be wiped down with a damp cloth or vacuumed as needed. If a stain does appear, warm water and soap can be used to gently blot the area affected.

End of Life

Before you recycle, first consider re-use and let your kids make a fort or blocks out of unneeded panels. MPS baffles and panels are 100% recyclable at end of life. Aluminum frames can also be recycled.