ENVIRONMENTAL DATA AND DECLARATION SHEET
SOUND MASKING

LEED Overview

- v4.1 EQ Credit: Acoustic Performance
- ID+C: Commercial Interiors (2 Points)
- Sound masking must be done in conjunction with minimum STC/NIC ratings as provided in the LEED v4.1 guide

WELL Certification V1 and V2

- Feature S06: Minimum Background Sound ASTM 1573-18

Electrical and Fire Safety

- ANSI/UL 62368-1 /CAN/CSA C22.2-62368-1: Audio/Video, Information and Communication Technology Equipment – Part 1: Safety
- UL 2043 / ULC ORD C2043: Fire test for Heat and Visible Smoke Release or Discrete Products and Their Accessories Installed in Air-Handling Spaces

Acoustic Performance

- ASTM E1374-06 (11) - Standard Guide for Open Office Acoustics and Applicable ASTM Standards
- ASTM E1573-09 - Standard Test Method for Evaluating Masking Sound in Open Office
- ASTM E1130-08 - Standard Test Method for Objective Measurement of Speech Privacy in Open Offices
- ASTM E2638 - Standard Test Method for Measurement of Speech Privacy Provide by Closed Rooms

Building Certifications

Product Certifications and Compliance

mpsacoustics.com | 866-557-8438

311 S US 69 Trenton, TX 75490 | Designed and Made in Texas

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.