

# Quiet as a Whisper

## SOUNDFOAM STRATOCELL® WHISPER® FOAM

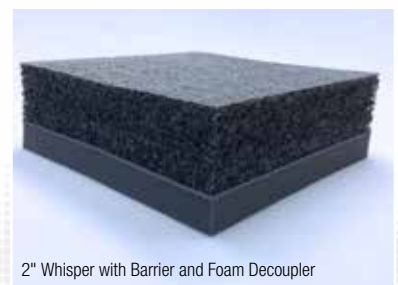
\*Soundfoam Stratocell® Whisper® is a lightweight, rigid, flame retardant polyethylene based acoustic quality foam with outstanding hydrophobic properties. It is easy-to-fabricate and install and does not typically require protective facings. Acoustically, the material has consistent performance regardless of humidity. Its flame retardant qualities allow the product to be used in demanding environments. This new product can be laminated with barrier materials or other composites for challenging acoustic applications.

### TYPICAL APPLICATIONS INCLUDE

- HVAC Equipment
- Pump, Compressor and Other Mechanical Equipment Enclosures
- Genset Enclosures
- Acoustic Panels
- Architectural Features
- Industrial Machinery and Equipment



2" Whisper



2" Whisper with Barrier and Foam Decoupler

## Absorb Sound not Moisture.

Soundcoat is excited to offer you our new Soundfoam Stratocell® Whisper® product. This new product is ideal for applications requiring excellent acoustic absorption where a rugged material or a material resistant to moisture is a concern. Soundfoam Stratocell® Whisper® saves time and money due to its ease of installation. Its flexibility allows it to be bent and scored, then adhered through a simple peel and stick method, eliminating the cost of fasteners. Additionally, parts can be cut to shape and supplied as laminates with other acoustic materials such as barrier.

Soundfoam Stratocell® Whisper® maintains its performance in humid environments, one of its signature characteristics. It performs well when exposed to water, sunlight, UV and ozone. For more demanding applications, Stratocell® Whisper® UV is available. Stratocell® Whisper® can be hosed down for ease of cleaning and is dimensionally stable versus other acoustic materials.

Soundfoam Stratocell® Whisper® is non-fibrous, so unlike fiberglass material, it doesn't require bagging or a facing to prevent fiber-fly in high air-flow environments. Additionally, Soundfoam Stratocell® Whisper® is self-supporting and durable which makes it an ideal candidate to replace designs incorporating fiberglass with perforated metal panels.

The superior noise reduction qualities of Soundfoam Stratocell® Whisper® stand up to rigorous uses in a myriad of industrial applications. Its low-frequency sound absorption is ideal for HVAC systems, equipment enclosures, transportation components and acoustical panels.

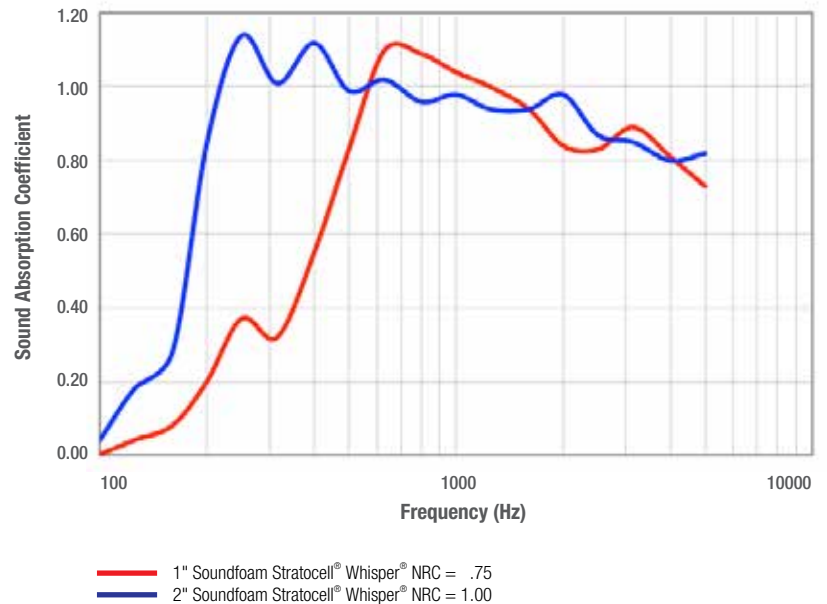
## At Soundcoat, We Don't Just Sell Foam, We Engineer Solutions.

All Soundcoat products are tested and qualified in our acoustic and materials testing laboratories to ensure consistent quality and performance. Soundcoat products are supplied, tested and produced to your specifications. We will work with you to develop the appropriate acoustic solution to meet your project needs. Soundfoam Stratocell® Whisper® has been tested in our state-of-the-art reverberation room to ASTM C 423 standards.

For further information on meeting specific requirements and for optimum product configuration, contact our Customer Service Group at **1-800-394-8913**. Visit us on the web at **soundcoat.com** to see our complete line of absorption, damping, thermal and barrier materials for the OEM marketplace.

\*Stratocell® Whisper® is a registered trademark of Sealed Air Corporation (US). Soundcoat is a strategic market partner for Sealed Air Corporation.

ASTM C423 Random Incidence Sound Absorption



PROPERTY	VALUE
Material type	Polyethylene Foam
Color	Grey
Density	1.56 lb/ft <sup>3</sup>
Operating Temperature	-22° F to 160° F (-5° C to 71° C)
Tensile Strength	13.5 psi
Tensile Elongation	50%
Flame Resistance	ASTM E-84* UL94 HF1 MVSS-302
Water Absorption	EN 12088 < 4%
Thermal Conductivity	.721 Btu in/ft <sup>2</sup> hr °F
Compression Set	<30%
Product Configurations	Available in 1" and 2" standard thicknesses and sheet sizes of 48" x 96". Consult Soundcoat for other thicknesses not listed. Also available as a laminate with other materials, in cut parts or kits and with or without pressure sensitive adhesive.

\*Consult Soundcoat for specific class and fire/smoke ratings of Stratocell® Whisper® material. Not all laminates have been tested.