

SPS Acoustical Engineering, LLC

We specialize in environmental acoustic controls and products. Whether you're looking to create the perfect acoustical performance for your auditorium or building a small home theater room, our team can identify, engineer and supply your every acoustical need.



Acoustical Engineering, LLC

CALL US! 417-838-3712
www.spsacoustical.com

- Superior Acoustical Performance
- Architecturally Attractive
- Reasonably Priced
- Excellent Service
- Top-quality Craftsmanship
- Made in the USA!
- Custom Delivery/Shipping Available

See for yourself!

The graph below shows the NRC for 2" **SilentFiber™** fiberglass with **Guilford of Maine® FR701 Fabric**

Size	Acoustic Performance on Wall						
Standard Cut	125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz	NRC
24 x 24	0.24	0.72	1.08	1.03	0.96	0.97	1.00
24 x 48	0.24	0.72	1.08	1.03	0.96	0.97	1.00
48 x 96	0.24	0.72	1.08	1.03	0.96	0.97	1.00
48 x 120	0.24	0.72	1.08	1.03	0.96	0.97	1.00

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ENVIRONMENTAL ACOUSTIC
CONTROLS AND PRODUCTS

Looking for that *Perfect Sound*?

You're in Luck! Perfect sound is what we do. Our biggest seller to date is our proprietary 2" fiberglass-based reinforced acoustical sound panel.



Our panels are designed and tested to capture all kinds of unwanted types and amounts of excess noise. We will make

your space sound more like a concert hall and less like the inside of a barrel. Our team will take you through every step of the process,

from identifying problem areas in your room to finding products that will work best for you. Panels are available in many standard sizes as well as custom shapes, and with multiple options for covering. They offer the best in cost to performance ratio while beautifying your space and solving all your sound problems.



SPS Acoustical Engineering, LLC

OUR BEST AND MOST POPULAR

2" Acoustical Panels

- Wrapped with Guilford of Maine® FR701 2100 Series Fabrics - Other fabrics available
- Various Color Options
- Reasonably Priced
- Our Best 2" Thick Panels
- 6-7 Lb. Per Cubic Foot Density
- Standard Sizes Include: 2'x2', 2'x4', 4'x8', 4'x10'
- Custom Sizes and Shapes Built to Your Needs
- Maximum Sound Absorption
- Class A Fire Rated
- Many Mounting Configurations
- Roto Fasteners Included in Every Panel
- Available in 1" Thickness as Well

Ceiling Tile Panels

- Suspended Ceiling Tile Applications
- Anti-Air Filtration Backing
- 2'x2' and 2'x4' Sizing
- Ceiling Tiles Cut To Fit On Site
- Top-quality Craftsmanship

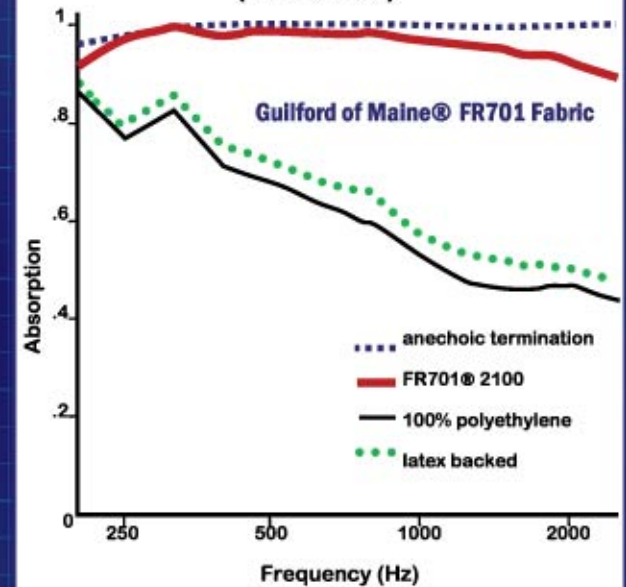
Hanging Acoustic Baffles

- Commonly used where wall mount is not an option
- Used when additional absorption is needed
- Custom built to your specifications
- Can be crafted in the room's design
- Rigid frame design for hanging in a variety of applications
- Made in the USA!

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The plot below summarizes impedance tube measurements of absorption of an anechoic termination and various fabrics in front of the anechoic termination.

Acoustical Performance for Panel Applications (ISO 10534-2)



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