

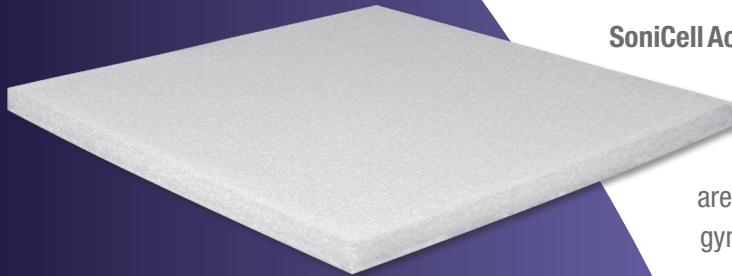
SoniCell™ Acoustical Panels



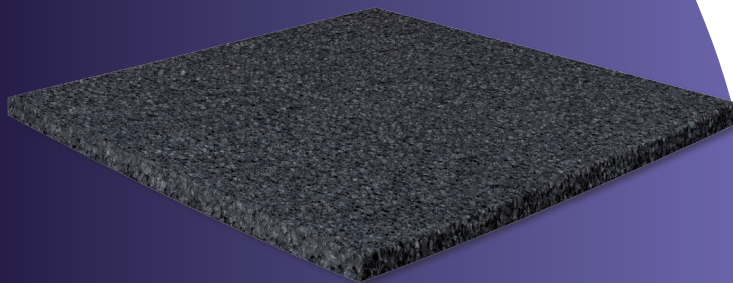
- Economical 'Class A' Fire-Rated Acoustical Absorption
- Water & Mold Resistant
- 1" Thickness NRC: 0.70
- Stack Panels For Improved Low Frequency Absorption
- No Dust, Itching Or Skin Irritation



Charcoal SoniCell panels installed on ceiling



1" x 2' x 2' (White)



1" x 2' x 2' (Charcoal)

SoniCell Acoustical Panels are a cost-effective 1" treatment with great absorptive properties and an excellent way to improve speech intelligibility. They are lightweight and easy to handle. The charcoal color blends into many dark open architecture commercial ceilings. **SoniCell** panels are well suited for harsh environments such as nightclubs, restaurants, gymnasiums, multi-purpose rooms and more.

APPLICATIONS:

- Nightclubs • Soundstages • Restaurants • Studio Live Rooms
- Gymnasiums • Commercial Facilities • Multi-Purpose Rooms
- Industrial Facilities

SPECIFICATIONS:

- Class A per ASTM E-84
- Fungal Resistance
- Low Moisture Absorption
- Size: 1" x 2' x 2'
- Colors: Charcoal & White

Absorption Test Data (Per ASTM C-423-09) - Overall NRC 0.70

125Hz	250Hz	500Hz	1kHz	2kHz	4kHz
0.13	0.14	0.89	0.95	0.79	0.81

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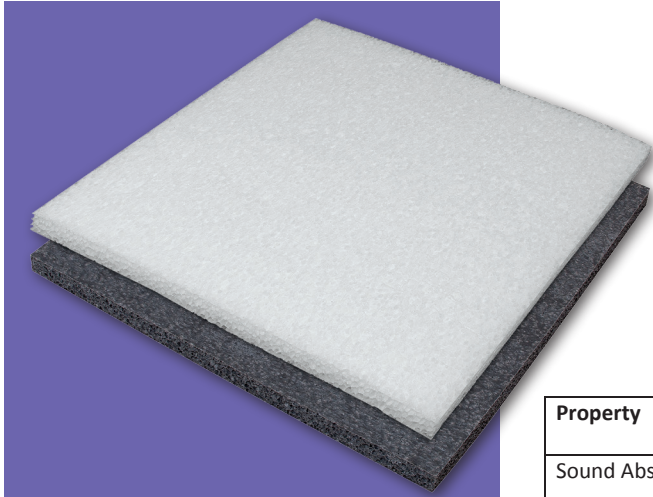
Real-World Acoustics®



White SoniCell panels installed on ceiling

1-800-959-3343 / 317-842-2600
9955 Westpoint Drive, Suite 101, Indianapolis IN USA 46256

SoniCell™ Acoustical Panels



Technical Data

Property	Test Method	Test Result 1" Material
Sound Absorption	ASTM C-423-09	Noise Reduction Coefficient (NRC): 0.70
Fire-test-response	14 CFR part 25.853(a) FMVSS302 UL94 ASTM E-84	Pass Pass HF-1 Flame Spread Index: 0 ^(2,3) Smoke Developed Index: 10 ^(2,3)
Fungal Resistance	ASTM C1338-08	Pass
Water Absorption	ASTM D3575-00 Suffix L	<0.7
Water Pick-up by diffusion (RH>95% - after 28 days)	EN 12088	<4%
Thermal Stability (24 hours at 158°F)	ASTM D3575-00 Suffix S	<3%
Thermal conductivity, k-Value	ASTMC518-91 @ 23°C @ -5°C	0.693 0.569
Density (lb/ft³)	ASTM D3575-00 Suffix W	2.0
Compression Set (%)	ASTM D3575-00 Suffix B (50%)	<20%
Compressive Strength Vertical Direction (psi)	ASTM D3575-00 Suffix D @ 25% @ 50%	4.2 7.4
Tensile Strength – CMD/MD	ASTM D 3576 Modified	20 / 36
Tensile Elongation – CMD/MD (%)	ASTM D3575-00 Suffix T	52/26

Absorption Test Data (Per ASTM C-423-09) - Overall NRC 0.70

125Hz	250Hz	500Hz	1kHz	2kHz	4kHz
0.13	0.14	0.89	0.95	0.79	0.81

While many Auralex products are fire retardant and/or self extinguishing to varying extents, we cannot guarantee that any product meets the specific building code regulations in your area as regulations widely vary from place to place.

Check with your local fire marshal or building inspector for approval prior to purchasing or installing any of our products. Auralex will not be held liable for property damage or injuries caused by the misuse of our products.

For more information visit Auralex.com/tools/testing-data/fire-testing-data/

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