

Echo Eliminator

Ceiling & Wall Panels

Echo Eliminator, or Bonded Acoustical Cotton (B.A.C.), is the most cost-effective acoustical absorbing material on the market. It is a high-performance panel manufactured from recycled cotton, and is ideal for noise control applications. Echo Eliminator can easily be installed as acoustical wall panels or hanging baffles.



- No VOCs (Volatile Organic Compounds)
- No formaldehyde, requires no warning labels
- Fungi-, mold-, and mildew-resistant
- Class A Fire Rated (Non-flammable per ASTM E-84)

STOP NOISE

ACOUSTICAL | SURFACES, INC.

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Superior Acoustic Properties: Comparison between Echo Eliminator and Fiberglass:

Product	Thickness	Density	MTG	125Hz	250Hz	500Hz	1KHz	2KHz	4KHz	NRC
Echo Eliminator	2"	3pcf	A	0.35	0.94	1.32	1.22	1.06	1.03	1.15
Fiberglas	2"	3pcf	A	0.17	0.86	1.14	1.07	1.02	0.98	1.00
Echo Eliminator	1"	6pcf	A	0.07	0.30	0.86	1.10	1.05	1.03	0.85
Fiberglass	1"	6pcf	A	0.02	0.27	0.63	0.85	0.93	0.95	0.65

APPLICATIONS

Residential, commercial, industrial; schools, restaurants, classrooms, houses of worship, community centers, offices, conference rooms, music rooms, recording studios, theaters, public spaces, medical facilities, auditoriums, arenas/stadiums, warehouses, manufacturing plants, and more.

Acoustics and Expected Performance:

Absorbing sound and reducing echo / reverberation can be challenging. Echo Eliminator offers a high Noise Reduction Coefficient (NRC) to reduce the amount of sound within a room. One-inch thick panels are appropriate for areas where the main issue is understanding speech. Rooms with more mid-and-low frequency noise, or where music is present, benefit from using two-inch thick panels.

SIZES & OPTIONS

Standard Size: 24" x 48" (minimum quantities apply, call for details); options: 12" x 12", 24" x 24", 48" x 48", 48" x 96".

Note: All sizes are nominal and subject to manufacturing tolerances that may vary +/- 1/8".

Thickness/Density: 1" thick / 3 lb. per cubic foot (pcf); 1" thick/6 lb. pcf; 2" thick/3 lb. pcf.

COLORS

Black, graphite, light grey, marble light blue, beige, white.

Note: Echo Eliminator panels are made from recycled fiber. Although we take extensive precautions and purge the production lines between colors, due to the recycled nature of the fibers, color inconsistencies between manufacturing runs are to be expected. Typical inconsistencies can be color, shade/tint, flecks, specks, surface compression, fiber/strand size, and other light surface inconsistencies. *Please call for details.*

FLAMMABILITY

ASTM E84, Class A. Frame Spread: 5. Smoked Developed: 35.

INSTALLATION

Panels are most often installed directly onto the walls or ceilings with a spray/contact adhesive as well as a construction adhesive. The spray adhesive holds the panels in place while the construction adhesive is curing for a long-term hold. Panels can also be installed with hook and loop, various versions of double-sided tape, or have grommets installed and be hung on hooks. Please see our installation video: <https://www.youtube.com/watch?v=pn2IDxvEkiU>

Test Reports & Additional Information Can be Found at:

www.acousticalsurfaces.com/echo-eliminator



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