



# The Green Products Company

*"Building A Greener Tomorrow!"*

A DIVISION OF ACOUSTICAL SURFACES, INC.

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## ECHO ELIMINATOR WALL PANELS

### GREEN QUALITIES:

- Formaldehyde free
- Made from recycled denim fabric diverted from landfill
- Cotton is a rapidly renewable resource – sustainable
- Low Voc's • No irritants
- Resists microbial growth
- 100% recyclable when returned to manufacturer
- 85% pre-consumer recycled content
- May contribute toward LEED® credits

### CERTIFICATIONS/ PERFORMANCE RATING

- Class A fire rating –ASTM E 84
- Acoustical sound absorption
- Thermal
- Environmental Specification #1350
- MSDS
- LEED® Contribution Letter

### DESCRIPTION:

Echo Eliminator™ Acoustical Cotton is an economical, multipurpose, high performance, Class A fire retardant, sound absorber. It is exceptionally durable and can be used anywhere cost effective noise control or reduced reverberation time (echo) is needed. Echo Eliminator installs easily to ceilings, walls, or equipment enclosures using contact or construction adhesive. Fabric, foil, Tuftane, Dupont Hypalon facings are also available for optimal aesthetics, easy cleaning or protection from chemicals, oil, or dust.

### ACOUSTICS:

Controlling sound and noise transmissions through walls, ceilings, and floors can be a complex challenge in designing and building a project. Echo Eliminator offers an extremely high Noise Reduction Coefficient (NRC) to effectively reduce airborne sound transmissions including traffic, airplanes, radio, television, and conversation. The cotton used to make Echo Eliminator contains excellent sound absorbing qualities while the patented manufacturing process used to create Echo Eliminator produces a three-dimensional infrastructure that effectively traps, isolates, and controls sound waves. The result is a quiet comfortable environment between rooms, walls, and floors.

### MOLD RESISTANT:

Every natural material used to manufacture Echo Eliminator is treated with an EPA registered, non-toxic, borate solution and then "flash-dried" in our manufacturing process to offer complete and safe mold/mildew protection. Borates are a very effective natural biostat that actively inhibit mold, mildew, bacteria, and fungi growth. Borates also act as an excellent fire retardant and pest inhibitor. Echo Eliminator moldresistant cottons offer long-lasting protection and help reduce health and safety concerns.

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## ENVIRONMENTALLY SAFE:

The natural materials used to manufacture Echo Eliminator are 100% recyclable, reducing landfill waste. The recycled materials are also 100% post-industrial, ensuring a high quality product.

Echo Eliminator requires a minimal amount of energy to manufacture, aiding the environment with energy conservation and reduction in pollution. Other insulation manufacturers consume considerably more energy while creating additional unwanted pollutions and landfill waste. Echo Eliminator contains no chemical irritants and requires no warning labels compared to traditional products. Echo Eliminator contains no harmful airborne particulates that can enter your living area and the surrounding environment causing health concerns. Echo Eliminator has no VOC outgassing concerns and contains no formaldehyde or fiberglass.

## FLAMMABILITY:

STM E84, Class A. Flame Spread: 5. Smoke Developed: 35.

## COLORS:

White, Marble Light Blue, Light Grey, Graphite, Burgundy, Pure Blue, Navy Blue, Hunter Green, Black and Beige.



**PLEASE NOTE:** Although we take extensive precautions and purge the lines between colors, due to the manufacturing process color inconsistencies including dye lot variations, flecks, specks, and other slight surface blemishes are unavoidable. *Please call for details.*

All sizes are nominal and are subject to manufacturing tolerances that may vary + or - 1/8". Exact fitting may require on site adjustment by the purchaser. Exact size and other unavoidable variables such as dye lot color variances, lighting conditions, pattern matching, directional materials, expansion and contraction due to environmental conditions. **Project with exacted visual requirements and expectation must be identified for our special attention prior to ordering.**

## SIZE:

Standard Size: 2' x 4'. Also available in 12" x 12", 2' x 2', 4' x 4' and 4' x 8' (minimum quantities may apply, please call for details). (1" thickness panels available in #3lb or #6lb per cubic foot, 2" thickness panels available in #3lb density only.)

## APPLICATIONS:

Echo Eliminator Acoustical Cotton panels are ideally suited to school gymnasiums, cafeterias, classrooms, churches, multi-purpose rooms, community centers and more.

Echo Eliminator™ WALL PANEL: Sound Absorption Coefficients								
	Mount	125Hz	250Hz	500Hz	1KHz	2KHz	4KHz	NRC
1" 3lb./cf.	A	.08	.31	.79	1.01	1.00	.99	.80
2" 3lb./cf.	A	.35	.94	1.32	1.22	1.06	1.03	1.15
1" 6lb./cf.	A	.07	.30	.86	1.10	1.05	1.03	.85