

Acoustical Applications

The Product:

CMS Acoustical panels are made from recycled paper. With 65-75% recycled content, CMS products represent a very GREEN solution for acoustical materials. The open design and density of CMS panels increase the sound absorption, and decorative finishes can be easily applied.



Acoustical Performance:

CMS panels achieve high Noise Reduction Coefficient (NRC) ratings based on the density specified. The chart below represents NRC ratings using a standard weight material. Sound Transmission Classification (STC) ratings have been done for specific applications. STC values are determined by all of the construction materials that are unique to a design. The STC ratings exceed the values attained with commonly used acoustical materials.

Thermal Batts & Blankets

The Product:

CMS Thermal Insulation panels and batts are made from recycled paper fibers. With 65-75% recycled materials, these products are very functional where traditional means of insulating are not practical. The R-value of the products exceed many of the products commonly used.



Uses: CMS panels and batts can be used in any area that calls for acoustical or thermal treatment. CMS panels can be covered with fabric or other decorative materials. Limited fire testing has been done with polyester coverings.

Availability: CMS materials can be delivered in standard 4 x 8 size or can be custom cut for unique applications. CMS batts and blankets can be supplied in varied thicknesses. Widths can be up to 94 inches (2.4 meters).

Class A Material

For samples, or for a quote on a specific application, please call or email. Your request will be answered promptly.

CMS

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Testing Data:

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	Fire Testing	
ASTM-E-84, UL 723	Flame Spread 15-25	Smoke <450
	Acoustical Testing	
	ASTM-C-423 Type A Mounting	
Thickness	NRC	
1.0 (25mm)	0.80	
1.50 (38mm)	0.85	
1.75 (44 mm)	0.87	
2.0 (50 mm)	1.0	
	R-Value	
ASTM-C-518	4.0 per inch	