



Superior Acoustical Performance

SelectSound White Acoustic Core provides excellent acoustical performance for use under stretch fabric systems and fabric-wrapped systems. Depending on specified thickness, *SelectSound* White Acoustic Core absorbs up to 100% of the sound striking its surface.

SelectSound White Acoustic Core helps provide the highest quality audio reproduction by reducing sound reverberation within spaces. Sound transfer from space-to-space is also noticeably reduced.

Durable Material Composition

SelectSound White Acoustic Core is dimensionally stable and will not shrink or warp. The board's resilient composition resists job-site damage. The board's solid white color throughout makes it inherently abuse-resistant by avoiding the issues associated with field fabrication of white-faced products. *SelectSound* White Acoustic Core, composed of inorganic glass fibers, will not rot or mildew and is noncorrosive to steel, copper and aluminum.

Fast, High Quality Installation

Lightweight and resilient, *SelectSound* White Acoustic Core is easy to handle, fabricate and install. Both stick pins and adhesives can be used to secure insulation to drywall, concrete block or precast concrete.

Size Availability

SelectSound White Acoustic Core is available in a variety of thicknesses, 1/2" and above, in the following dimensions: 24" x 48", 48" x 96" and 48" x 120".



Uniform White Color Throughout

SelectSound White Acoustic Core has a uniform white appearance that is ideal for eliminating show-through. This product is especially compatible with lightweight, light-color or loose weave fabrics.

Low Odor

SelectSound White Acoustic Core has been designed with a unique proprietary binding solution and is excellent for indoor applications.

Design Considerations

Acoustical performance of interior surfaces can generally be improved by increasing insulation thickness.

Applicable Standards

SelectSound White Acoustic Core complies with the property requirements of ASTM C 553, Type I, 250 °F maximum use temperature.

The noise reduction coefficients of *SelectSound* White Acoustic Core were derived from tests conducted in accordance with ASTM C 423 on a Type A mounting.

Physical Property Data

Property	Test Method	Value
Water vapor sorption (by weight)	ASTM C 1104	<6% at 120 °F (49 °C), 95% R.H.
Fungi resistance	ASTM C 1338	Meets requirements
Corrosiveness	ASTM C 665 (Corrosiveness Test)	Will not cause corrosion greater than caused by sterile cotton on aluminum or steel*
Surface burning characteristics	UL 723	FHC 25/50

* When wet, coated surfaces in contact with galvanized steel may cause discoloration of the sheet metal.

† The surface burning characteristics of *SelectSound* White Acoustic Core were derived from products tested in accordance with ASTM E 84. This standard is used solely to measure and describe properties of products in response to heat and flame under controlled laboratory conditions. These numerical ratings are not intended to reflect hazards presented by this or any other material under actual fire conditions. However, results of this test may be used as elements of a fire risk assessment which takes into account all of the factors which are pertinent to an assessment of the fire hazard of a particular end-use. Values are reported to the nearest 5 rating.

Acoustical Performance

Product	Density	Thickness pcf (kg/m ³)	Thickness in (mm)	Octave Band Center Frequencies, Hz						
				125	250	500	1000	2000	4000	NRC
SelectSound 300W	3.0 (48)	1.0 (25)	2.0 (51)	0.09	0.19	0.53	0.79	0.88	0.94	0.60
			2.0 (51)	0.20	0.74	1.12	1.07	1.05	1.04	1.00
SelectSound 600W	6.0 (80)	1.0 (25)	2.0 (51)	0.06	0.21	0.7	0.97	1.07	1.02	0.75
			2.0 (51)	0.21	0.85	1.16	1.13	1.05	1.05	1.05
SelectSound 700W	7.0 (112)	1.0 (25)		0.05	0.22	0.71	0.98	1.05	1.04	0.75

These data were collected using a limited sample size and are not absolute values. Reasonable tolerances must therefore be applied. All test were conducted in accordance with ASTM C 423, Type A mounting (materials placed against a solid backing such as a block wall).

Installation Procedure

SelectSound White Acoustic Core can be installed on drywall, concrete block or precast concrete using impaling pins or appropriate adhesives.

When installing insulation with adhesive, follow adhesive manufacturer's recommendations for surface preparation and pattern.

When using impaling pins, follow the pin manufacturer's recommendations for surface preparation, location and amount of pins. Pin length should be selected to ensure tight fit. Where subject to contact, protect pin tips.

Keep product dry during shipping, storage and installation.



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