



SelectSound® Black Acoustic Blanket

Product Data Sheet



Description:

SelectSound® Black Acoustic Blanket is manufactured from inorganic glass fibers and is excellent for eliminating light reflections, while providing outstanding acoustical performance. It is great for walls and above-ceiling applications in theaters, sound studios, restaurants, schools and other acoustically sensitive environments.

Key features:

- Absorbs up to 80% of the sound striking its surface.
- Does not support mold or mildew growth.
- Lightweight and resilient, it is easy to handle, fabricate and install.
- Durable black facing creates a neat, finished appearance.

Product Applications:

Great for walls or use above suspended metal ceilings in acoustically sensitive environments. It can be installed on drywall, concrete block or precast concrete, using impaling pins or appropriate adhesives.

Installation Instructions:

When installing insulation with adhesive, follow the 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 a tight fit. Where

subject to physical contact, protect pin tips.

Standards, Code Compliance

- ICC Compliant
- California Title 24
- Meets New York City MEA No. 306-03-M

Certifications and Sustainable Features of SelectSound® Black Acoustic Blanket

- Certified by SCS Global Services to contain a minimum of 53% recycled glass content, 31% pre-consumer and 22% post-consumer.

Environmental and Sustainability

Owens Corning is a worldwide leader in building material systems, insulation and composite solutions, delivering a broad range of high-quality products and services. Owens Corning is committed to driving sustainability by delivering solutions, transforming markets and enhancing lives. More information can be found at <http://sustainability.owenscorning.com>.

Availability & Acoustic Performance

Density pcf (kg/m ³)	Thickness in (mm)		Octave Band Frequencies, Hz.						
			125	250	500	1000	2000	4000	NRC*
1.5 (24)	1.0 (25)	72" x 70'	0.05	.030	0.60	0.87	0.98	1.05	0.70
1.5 (24)	2.0 (51)	48" x 50', 72" x 50'	0.20	0.53	0.79	0.94	0.95	0.97	0.80
2.0 (32)	2.0 (51)	48" x 50'	0.12	0.66	1.04	1.08	1.04	1.07	0.95

These data were collected using a limited sample size and are not absolute values. Reasonable tolerances must therefore be applied. All tests were conducted in accordance with ASTM C423, Type A mounting (material placed against a solid backing such as a block wall). For more information, call your Owens Corning Representative.

Typical Physical Properties

Property	Test Method	Value
Operating Temperature	ASTM C4111	250°F (121°C)
Maximum Air Velocity	UL181 Erosion Test	3,000 fpm (15.25 m/sec.)
Water Vapor Sorption (by weight)	ASTM C1104	<3% by weight at 120°F (49°C), 95% R.H.
Fungi Resistance	ASTM C1338	Meets Requirement
Corrosiveness	ASTM C665 Corrosiveness Test	Will not cause corrosion greater than that caused by sterile cotton on aluminum or steel ¹
Surface Burning Characteristics ²	ASTM E84, UL723, CAN/ULC-S102	Flame Spread: 25 Smoke Developed: 50

¹When wet, coated surfaces in contact with galvanized steel may cause discoloration of the sheet metal.

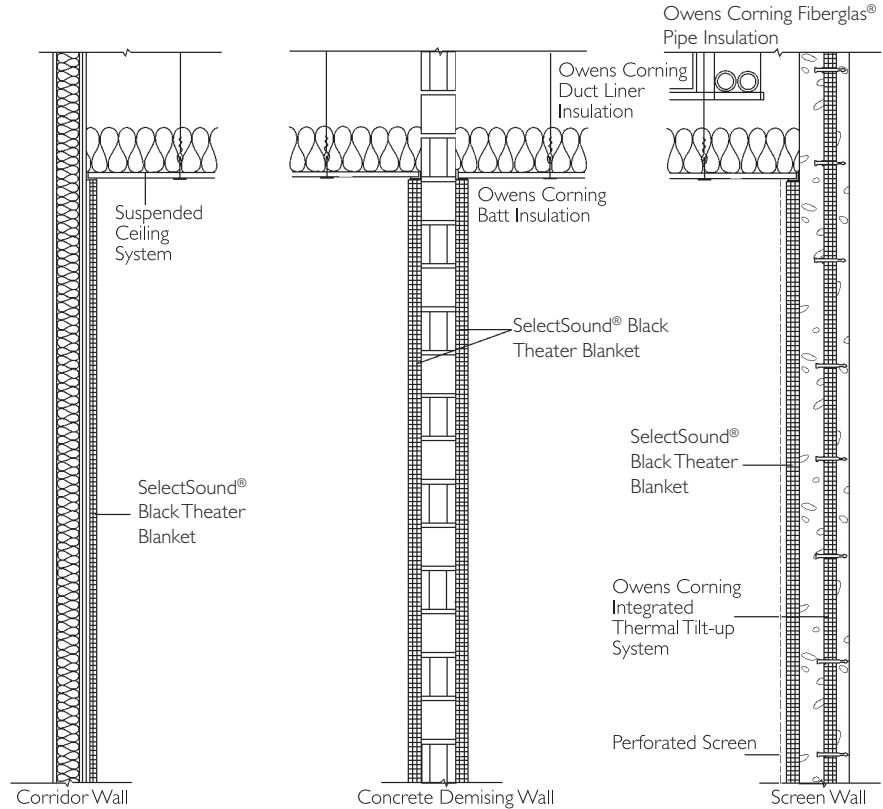
²The surface burning characteristics of these products have been determined in accordance with UL723 and CAN/ULC-S102-M. These standards should be used to measure and describe the properties of materials, products or assemblies in response to heat and flame under controlled laboratory conditions and should not be used to describe or appraise the fire hazard or fire risk of materials, products or assemblies 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. UL723 and ASTM E84 are the same test methods.



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Conceptual Details



For CSI type sample specification, please contact your local Owens Corning representative.

Disclaimer of Liability

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SCS Global Services provides independent verification of recycled content in building materials and verifies recycled content claims made by manufacturers. For more information, visit www.SCSglobalservices.com.



OWENS CORNING INSULATING SYSTEMS, LLC
ONE OWENS CORNING PARKWAY
TOLEDO, OHIO 43659
1-800-GET-PINK®
www.owenscorning.com

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