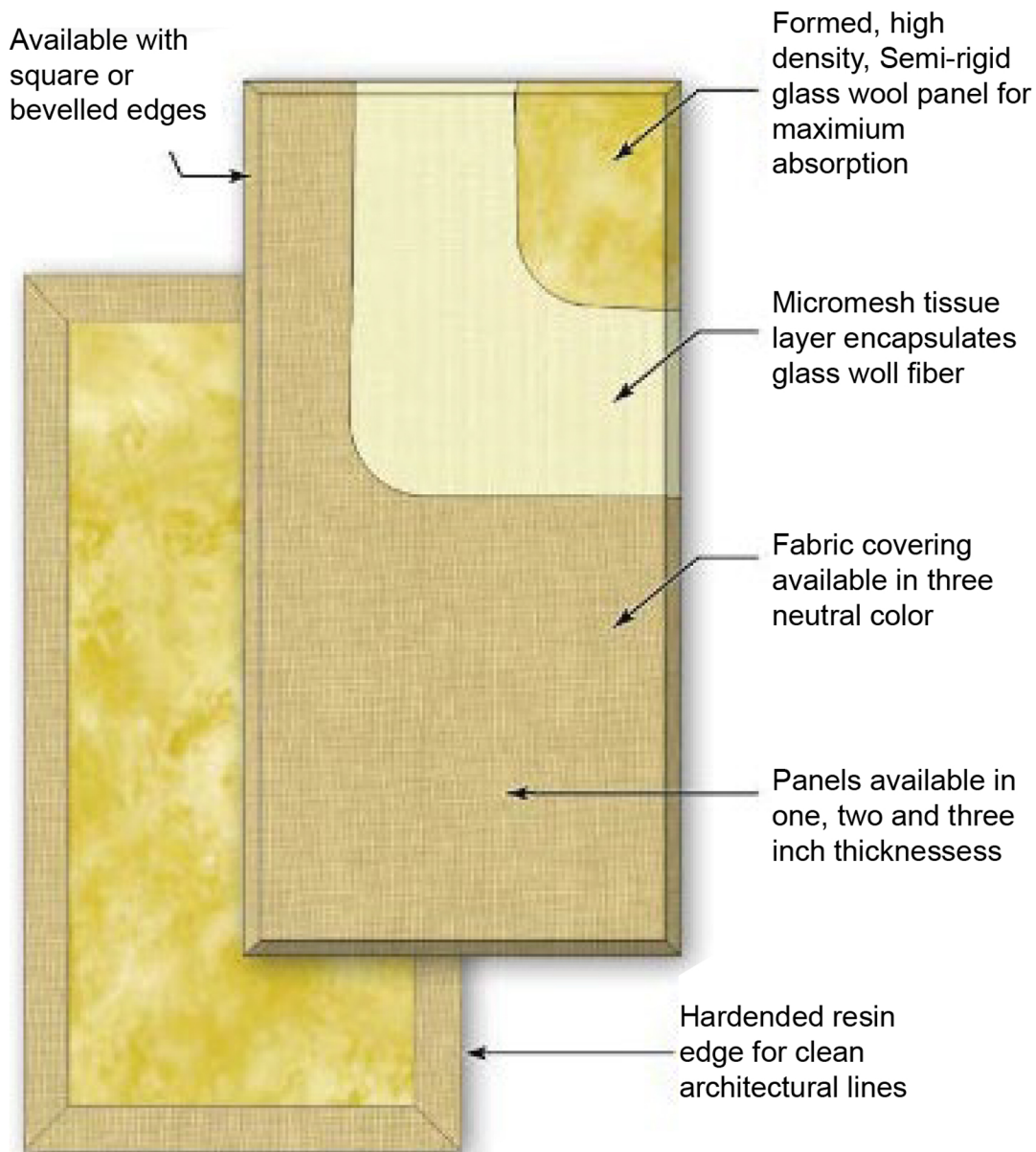


## Acoustic Panels Specifications

### DATASHEETS



Acoustic panels are constructed of high density 6lb per cubic foot ( $96 \text{ kg/m}^3$ ) glass wool with resin hardened edges. This process works in tandem with the micromesh to fully encapsulate the glass wool to eliminate fibers from escaping. Panels are then covered in an acoustically transparent fabric in a choice of three colors for an architecturally attractive appearance

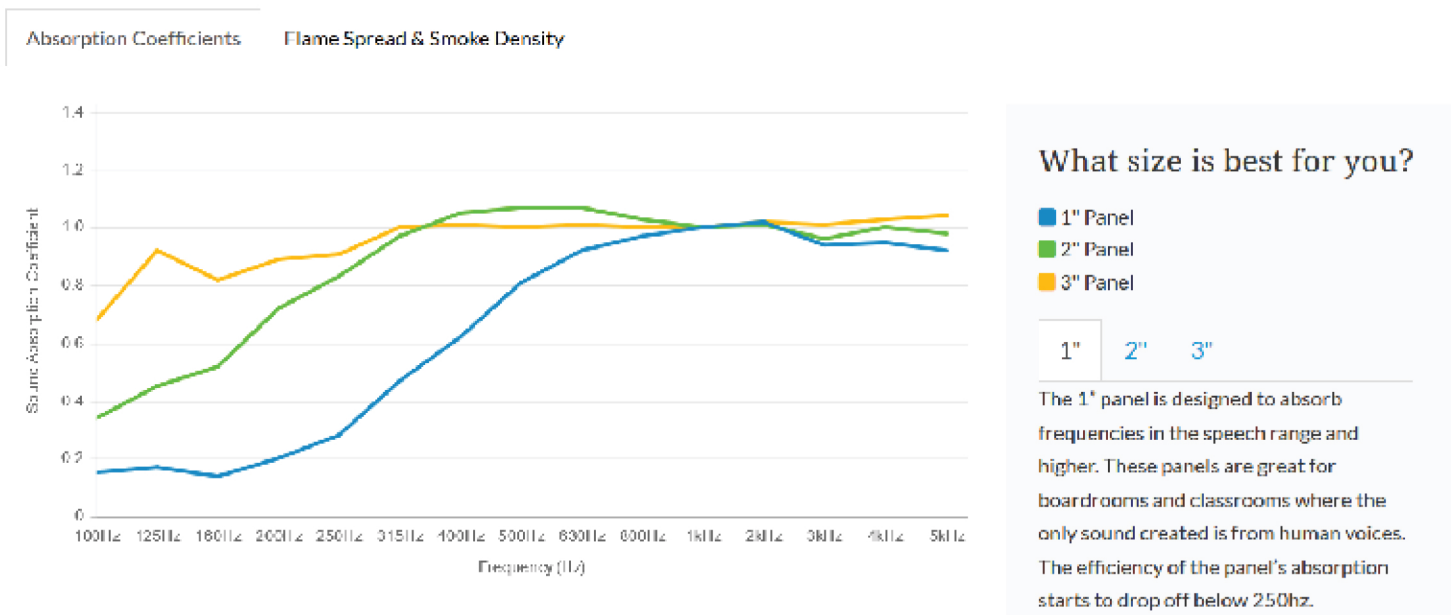
Various mounting options are offered including impalers for wall mounting and Cloud Anchors™ for suspending panels from ceilings. These are designed to make installation easy and cost effective.

To address safety concerns, Acoustic panels have been tested to meet stringent Class-A/1 fire ratings making them suitable for use in residential, commercial and industrial spaces. Acoustic Wall panels are offered in a variety sizes, thickness and shapes to meet various acoustical requirements.

Core Material	Formed, semi rigid inorganic glass fibers
Density	6.0 lbs. per cubic foot (96 kg/m <sup>3</sup> )
Fabric Facing	Acoustically transparent polyester tweed
Encapsulation	Micromesh on front and rear surface, resin treated edges
Absorption H <sub>2</sub> O	2% by weight @ 120°F (49°C), 95% relative humidity
Temperature	-20°F ~ 150°F (-29°C ~ 66°C)
Fire Rating	Class-A/1 (ASTM E 84 / CAN/UL-S102)
Mounting	Galvanized steel impalers *not included
NRC	1": 0.71, 2": 0.89, 3": 0.98



LEED certification provides independent, third-party verification that a building, home or community was designed and built using strategies aimed at achieving high performance in key areas of human and environmental health.



Frequency - HZ	100Hz	125Hz	160Hz	200Hz	250Hz	315Hz	400Hz	500Hz	630Hz	800Hz	1kHz	2kHz	3kHz	4kHz	5kHz
1" Panel	0.15	0.17	0.14	0.20	0.28	0.47	0.62	0.81	0.92	0.97	1.00	1.02	0.94	0.95	0.92
2" Panel	0.34	0.45	0.52	0.72	0.83	0.97	1.05	1.07	1.07	1.03	1.00	1.01	0.96	1.00	0.98
3" Panel	0.68	0.92	0.82	0.89	0.91	1.00	1.01	1.00	1.01	1.00	1.00	1.02	1.01	1.03	1.04

Testing performed by Riverbank Acoustical Laboratories. The test method conformed explicitly with the requirements of the ASTM Standard Test Method for Sound Absorption and Sound Absorption Coefficients by the Reverberation Room Method: ASTM C 423-02a and E 795-05.

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