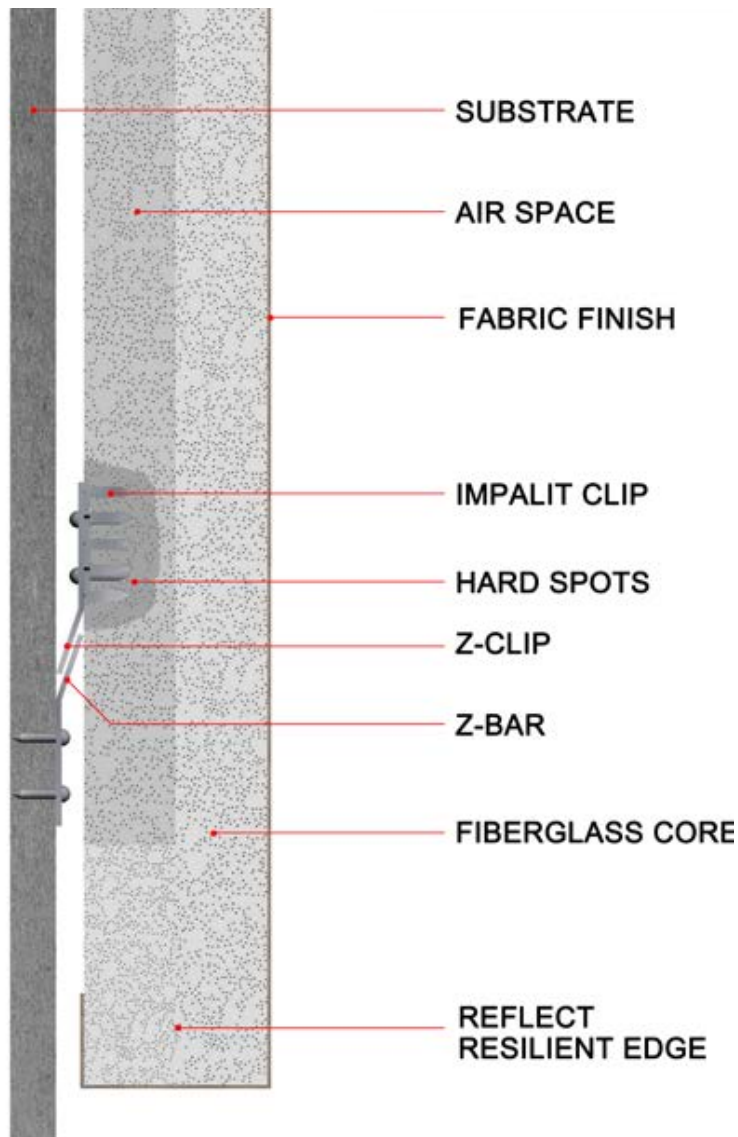




soundconcepts

Custom Acoustical Wall Panels



Custom Panels Provides

- Acoustics, design and the clients request can often create a unique set of factors that require a custom solution. Sound Concept stands ready to collaborate in the development of unique, cost effective solutions
- Our panel fabrication expertise includes medium density fiberglass, high density fiberglass, glass reinforced gypsum and mineral fiberboard core materials
- Our processing expertise includes cutting, routing, molding, forming and finishing
- Our finishing expertise includes EUROMAT and the tailoring of PRINTS, polyester, olefin, polyolefin, polypropylene, Xorel and COM fabrics plus
- Our processing expertise includes cutting, routing, molding, forming and finishing

Two examples of our collaboration are presented on the next page:

CS 1 – AIRSPACE provides a unique absorption profile

CS 3 – SKINS provides ultra thin sound control



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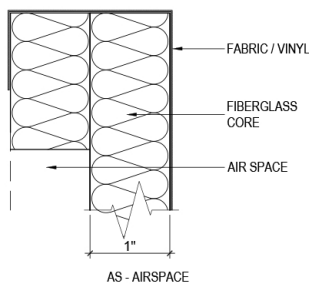
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CS 1 - AIRSPACE

A unique configuration of 6 pcf fiberglass core with perimeter framing to create an airspace. Performance can be tuned by increasing the thickness of the core and cavity and by filling the airspace with light density fiberglass



2" panel w/ 1" core & 1" airspace

Description	hz	125	250	500	1000	2000	4000	NRC	SAA
		0.05	0.43	1.01	1.19	1.12	1.09	0.95	0.95

2" panel w/ 1" core & 1" low density airspace fill

hz	0.19	0.77	1.09	1.18	1.15	1.11	1.05	1.04
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4" panel w/ 2" core & 2" airspace

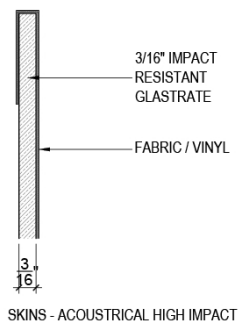
hz	0.56	1.17	1.30	1.28	1.18	1.13	1.25	1.20
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4" panel w/ 2" core & 2" low density airspace fill

hz	0.79	1.33	1.29	1.27	1.17	1.19	1.21	1.23
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CS 3 - SKINS

An ultra-thin, high density, fiberglass core with extensive finish options provides excellent sound control, low maintenance, impact resistance



3/16" panel w/ adhesive mounting

hz	125	250	500	1000	2000	4000	NRC	SAA
	0.02	0.03	0.22	0.51	0.62	0.34	0.35	0.34

Values estimated from published ASTM C-423 in a type A mounting with unbacked, acoustically transparent panel fabrics

