

AlphaSorb® Fabric Wrapped Acoustic Panel



Description

Our AlphaSorb® Fabric Wrapped Acoustic Panel answers your acoustical and aesthetic needs with its strong sound-absorbing performance, durability, and elegant appearance. These panels are used for sound reduction and reverberation control. Available in a wide variety of sizes, thicknesses, fabric styles, and colors. AlphaSorb® Fabric Wrapped Acoustic Panels allow you to create an effective sound control treatment that is distinctly appropriate for your environment.

These fabric-wrapped sound panels are available through our website in standard sizes up to 4' x 10' in 1" or 2" thicknesses. For custom sizes, please call our sales team at 1-800-782-5742. Standard color options include the entire Guilford of Maine FR701, Anchorage, Studio 54, and Whisper series lines, plus our SoundSuede™ fabric. Designer-selected fabric-wrapped sound panels are available upon request. The AlphaSorb® Fabric Wrapped Acoustic Panel is Class 1 fire-rated and offers various edge details as well as installation options.

Technical Characteristics

Size:	Up to 4' x 10'
Thickness:	1" 2" (Standard) ½" up to 4" (Custom)
Density:	6–7 lb. / ft³ fiberglass
Finish:	Guilford of Maine Anchorage Guilford of Maine FR701 Guilford of Maine Studio 54 Guilford of Maine Whisper SoundSuede™
Edge Detail:	Square, Beveled, or Mitered Natural or Hardened
Mounting:	Impaling clips, Z-Clips, Rotofast, or as specified
Fire Rating:	Class 1 or A per ASTM E84
NRC:	Anchorage: 0.85 (1"), 1.10 (2") FR701: 0.85 (1"), 1.10 (2") Studio 54: 0.85 (1"), 1.10 (2") Whisper: 0.85 (1"), 1.10 (2") SoundSuede: 0.85 (1"), 1.10 (2")

Applications

- Houses of Worship
- Teleconferencing and Video Rooms
- Broadcast and Recording Studios
- Multi-Purpose Rooms
- Home Theaters
- Auditoriums

Features

- Elegant aesthetic
- Wide variety of sizes and colors
- Reduce reverberation and echo
- Improves speech intelligibility

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AlphaSorb® Fabric Wrapped Acoustic Panel

Sound Absorbing Performance

Thickness	125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz	NRC
1"	0.08	0.32	0.84	1.12	1.15	1.07	0.85
2"	0.47	0.85	1.24	1.19	1.20	1.11	1.10

AlphaSorb® Anchorage Fabric Wrapped Acoustic Panel

Sound Absorbing Performance

Thickness	125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz	NRC
1"	0.14	0.27	0.80	1.11	1.14	1.14	0.85
2"	0.40	0.74	1.24	1.25	1.22	1.14	1.10

AlphaSorb® FR701 Fabric Wrapped Acoustic Panel

Sound Absorbing Performance

Thickness	125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz	NRC
1"	0.05	0.33	0.86	1.07	1.12	1.08	0.85
2"	0.45	0.84	1.24	1.19	1.17	1.16	1.10

AlphaSorb® SoundSuede™ Fabric Wrapped Acoustic Panel

Sound Absorbing Performance

Thickness	125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz	NRC
1"	0.14	0.27	0.80	1.11	1.14	1.14	0.85
2"	0.35	0.79	1.24	1.26	1.20	1.16	1.10

AlphaSorb® Studio 54 Fabric Wrapped Acoustic Panel

Sound Absorbing Performance

Thickness	125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz	NRC
1"	0.08	0.30	0.81	1.08	1.18	1.07	0.85
2"	0.44	0.79	1.20	1.22	1.19	1.13	1.10

AlphaSorb® Whisper Fabric Wrapped Acoustic Panel

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