

AlphaSorb® Barrier Acoustic Panels



Technical Characteristics

Size:	Custom sizes up to 4' x 10'
Thickness:	1 1/8" & 2 1/8" (+/- 1/8")
Density:	Two layers of 6-7 pound per ft ³ acoustical fiberglass substrate with 1/8" thick one pound barrier septum
Intended Use:	Interior, sound absorption, sound blocking
Edge Detail:	Options for Square, Bevel, Radius, or Miter Edge
Mounting:	Impaling Clips (adhesive not included)
Fire Rating:	Class 1 or A
NRC:	0.65 (1 1/8"); 0.85 (2 1/8")
STC:	29 (1 1/8"); 33 (2 1/8")

Description

AlphaSorb® Barrier Acoustic Panels are the answer to your acoustical and aesthetic needs with strong sound absorbing and blocking performance, durability, and versatile appearance. These panels are available in a wide variety of sizes, shapes and colors, making it easy to create an effective sound control treatment that is distinctly designed for your environment.

These acoustic panels encapsulate our AudioSeal® Mass Loaded Vinyl (MLV) Soundproofing Barrier within the sound absorbing material, giving them their unique quality of being both sound blocking and absorbing. AlphaSorb® Barrier Acoustic Panels must cover 100% of the installation surface to effectively soundproof the structure.

Standard fabric color options are Guilford of Maine FR701 (style 2100).

Sound Absorbing Performance

Thickness	125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz	NRC
1 1/8"	0.12	0.48	0.71	0.77	0.71	0.58	0.65
2 1/8"	0.14	0.27	0.80	1.11	1.14	1.14	0.85

Sound Absorbing Performance

Thickness	125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz	STC
1 1/8"	14	17	25	39	44	42	29
2 1/8"	18	23	27	41	57	60	33

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