



### ALPHASORB SOUND BARRIER ACOUSTIC PANELS



#### DESCRIPTION

AlphaSorb Sound 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 Sound Barrier within the sound absorbing material, giving them their unique quality of being both sound blocking and absorbing. AlphaSorb Sound 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.

#### TECHNICAL CHARACTERISTICS

Size	Custom Sizes up to 4' x 10'
Thickness	1 1/8", 2 1/8"
Colors	Many; See Color Chart



#### FEATURES

- Class 1 Fire Rated
- 6—7 lb. Per Cubic Foot Density
- Various Mounting Systems
- Options for Beveled, Mitered or Radius Edges

#### SOUND ABSORBING PERFORMANCE

	125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz	NRC*
1 1/8" Thick	.12	.48	.71	.77	.71	.58	.65
2 1/8" Thick	.14	.27	.80	1.11	1.14	1.14	.85

\*Noise Reduction Coefficient

#### SOUND BLOCKING PERFORMANCE

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

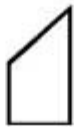
\*Sound Transmission Loss



SQUARE



RADIUS



MITER



BEVEL

#### COMMON APPLICATIONS

- Office Spaces
- Teleconferencing & Videoconferencing
- Classrooms
- Broadcast & Recording Studios
- Medical Facilities
- Interview Rooms

