

## ALPHASORB<sup>®</sup> LINEAR FOAM TECHNICAL DATA SHEET



### DESCRIPTION

AlphaSorb<sup>®</sup> Linear Foam is a high-performing sound absorber used to reduce echo and reverberation with a bold triangular wedge design. Use these acoustic foam panels to improve speech intelligibility and create visual designs in recording studios, home theaters, music rooms and more.

AlphaSorb<sup>®</sup> Linear Foam is available in 2' x 2' sheets and in thicknesses of 2", 3" and 4" in natural grey and white colors. The linear design of the foam sheets allow you to align sheets together for a seamless look. They may also be rotated or offset to create unique designs. These acoustic foam panels are easily installed using a water-based construction adhesive.

### TECHNICAL CHARACTERISTICS

**SIZE:** 2' x 2'

**THICKNESS:** 2", 3", 4"

**MATERIAL:** Open-cell melamine based foam

**DENSITY:** 0.56 +/- 0.09 lb/ft<sup>3</sup> (Grey)  
0.47 +/- 0.13 lb/ft<sup>3</sup> (White)

**COLOR:** Natural Grey, Natural White

**FIRE RATING:** Class 1 or A per ASTM E 84



### SOUND ABSORBING PERFORMANCE (TYPE A MOUNT)

Color	Thickness	125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz	NRC
Natural White	2"	0.12	0.30	0.73	0.95	1.03	1.10	0.75
	3"	0.22	0.47	0.99	1.06	1.13	1.19	0.90
	4"	0.33	0.67	1.19	1.18	1.23	1.24	1.05
Natural Grey	2"	0.10	0.30	0.76	0.93	1.05	1.12	0.75
	3"	0.21	0.50	0.99	1.07	1.16	1.20	0.95
	4"	0.28	0.68	1.17	1.19	1.23	1.21	1.05

