

AlphaComposite[®] Foam



DESCRIPTION

AlphaComposite[®] Foam is ideal for applications that require increased sound-absorption and/or sound blocking. This composite foam combines a mass loaded sound barrier between two layers of acoustical foam.

The absorptive layer will reduce the ambient noise within an enclosure while the decoupled barrier layer will reduce the amount of sound transmission. This material is a perfect choice for lining noisy enclosures.

AlphaComposites[®] help control sound transmissions by adding sound blocking mass. These foams also decouple some of the structural vibration by separating the mass of the vinyl sound barrier from it's attached structure. Class 1 fire rated AlphaComposite[®] Acoustic Foam is available by the sheet in white or grey.

TECHNICAL CHARACTERISTICS

SIZE:	24" x 48"
THICKNESS:	1-3/8"
MATERIALS:	Melamine foam core
COLORS:	Natural White or Natural Grey
FIRE RESISTANCE:	Class 1 or A per ASTM E 84
FACINGS:	Tuftane (Black or Grey) Aluminized Mylar
BACKING:	Optional Peel and Stick

MOUNTING: These panels can easily be mounted to any wall or ceiling surface with water-based construction adhesive.

- Reduces reverberation & echo
- Blocks Sound Transmission
- Optional wipe-able facings
- Optional Peel and Stick backing

SOUND ABSORPTION						
125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz	NRC
0.33	0.24	0.63	1.23	1.35	1.14	0.85

SOUND BLOCKING PERFORMANCE						
125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz	STC
20	21	25	28	32	42	29

