

## TECHNICAL SPECIFICATION

SilentFiber™ Polyboard is a sound absorbing polyester board made of synthetic fibers and is available in multiple thicknesses and densities. Polyboard is environmentally friendly and contains no formaldehyde, VOCs, glues or binders. Polyboard contains no binders that can bleed through to expensive fabrics. SilentFiber™ Polyboard is non-allergenic, non-toxic and is lightweight.

### Features

- Recycled Content: 60% post consumer content, 100% recyclable
- Acoustically rated for sound absorption
- Class A fire rated
- Tackability: SilentFiber Polyboard has excellent tack qualities
- Impact Resistant: impact resistant and will not expand, shrink or warp with time.
- Zero VOCs - Greenguard certified
- No formaldehyde

### Applications

- Gymnasiums
- Conference rooms
- Theaters
- Office partitions
- Acoustic panels, tackboard
- Ceilings
- Auditoriums



### Thicknesses

9mm, 1/8", 1/2", 1" and 2"

### Dimensions

48" x 96"

**Custom sizes are available. See back panel for more details.**

### Sound Absorption - 1/3 Octave Band (ASTM E795-Type A)

Thickness (in)	Density (pcf)	125 (Hz)	250 (Hz)	500 (Hz)	1000 (Hz)	2000 (Hz)	4000 (Hz)	NRC
9mm	11.00	0.04	0.04	0.14	0.40	0.70	1.08	0.35
1/2	9.0	0.01	0.07	0.26	0.54	0.78	0.84	0.40
1	6.0	0.07	0.28	0.63	0.87	0.99	0.98	0.70
2"	6.0	0.31	0.58	1.08	1.11	1.04	1.04	0.95

### Other acoustical products available from

#### Sound Acoustic Solutions:

**SilentCeiling Black™** (black fiberglass ceiling tiles)

**SilentWrap™** (mass-loaded vinyl)

**SilentCurtain™** (noise barrier products)

For more information, please visit us at  
[www.SoundAcousticSolutions.com](http://www.SoundAcousticSolutions.com)

30700 Carter Street, Suite B

Solon, OH 44139

**Toll Free: (877) 399-9697**

Email: [info@SoundAcousticSolutions.com](mailto:info@SoundAcousticSolutions.com)

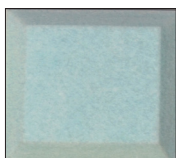
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### Color Options

**Disclaimer:** Colors shown are for representation of the colors we stock and should not be used for color accuracy. Request a color sample from your sales representative if this is a concern.



Melon



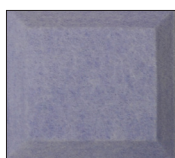
Sky Blue



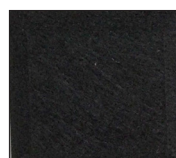
Green



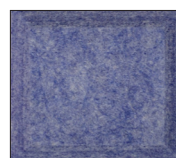
Dark Green



Purple



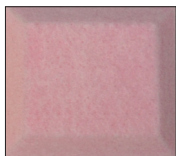
Black



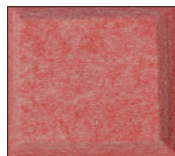
Blue



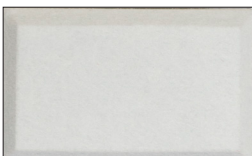
Yellow



Pink



Red



White



Dark Beige



light Beige



Dark Beige



Light Beige



Light Beige NET



Grey



Grey



**High density 11# sheets are also available at 1/8" and 9mm. All sheets are at 48" x 96". Please consult sales for other custom dimensions.**

**Address:**

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Solon, OH 44139  
Toll Free: (877) 399-9697

**Email:** [info@SoundAcousticSolutions.com](mailto:info@SoundAcousticSolutions.com)

**Have material that you need cut to custom sizes? We can help, consult with us today.**