

TECHNICAL SPECIFICATION

The **SilentFiber™ Fiberglass boards** are a rigid product bonded with glass fibers and a thermosetting resin. An excellent sound absorption board that can be used as ceiling tiles, fabric finished panels and stretch fabric track systems and is stocked in a variety of densities, thicknesses and board sizes. With so many options, SilentFiber™ is the perfect choice for use in acoustic panels and stretch wall applications, offering excellent sound absorption properties.

Features:

- SilentFiber™ boards are rigid yet lightweight, ideal for Acoustic Panel and Stretch wall applications. Boards are available plain or with a smooth and durable mat finish.
- Available in a variety of dimensions, thicknesses and densities. Boards are easily cut to size with a utility knife.

Ratings

- Odor emission - meets ASTM 1304

Properties	Standard	Description
Surface Burning Characteristics	ASTM E84 / UL723	Flame Spread Index < 25 Smoke Developed Index < 50

Applications

- Home theatres
- Conference rooms
- Gymnasiums
- Industrial spaces

Acoustic Performance

Acoustic Performance (on wall)									
Density	Thickness	Fiberglass	125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz	NRC
3#	1"	Amber	0.32	0.32	0.73	0.93	1.01	1.10	0.75
3#	2"	Amber	0.40	0.73	1.14	1.13	1.06	1.10	1.00
3#	1"	Black	0.06	0.25	0.62	0.91	0.99	0.98	0.75
3#	2"	Black	0.18	0.71	1.12	1.12	1.03	1.02	1.00
6#	1"	Amber	0.04	0.24	0.72	0.98	1.01	1.03	0.75
6#	2"	Amber	0.20	0.87	1.06	1.02	.99	1.04	1.00



For more information, please visit us at
www.SoundAcousticSolutions.com

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3# Density Fiberglass

Thickness	Finish	Size	Pkg
7/8"	40g mat	48" x 96"	7
1"	Plain	24" x 48"	10
1"	Plain	48" x 96"	6
1" and 2" black fiberglass	100g black mat	48" x 96"	8, 4
2"	Plain	24" x 48"	6

6# Density Fiberglass

Thickness	Finish	Sizes	Pkg
1/2", 3/4"	100g white mat	49" x 121"	each
3/4"	40g white mat	49" x 97"	8
5/8"	plain	49" x 121"	each
7/8", 1"	40g white mat	24" x 48", 49" x 121"	11, 7
1"	100g white mat	24" x 48" / 49" x 121" / 49" x 97"	10 / 6 / 6
1"	40g white mat	24" x 48", 49" x 121"	10, 6
1 1/2", 1 7/8"	40g white mat	49" x 121" / 49" x 97"	4
2"	100g white mat	24" x 48" / 49" x 121" / 49" x 97"	5 / 3 / 3
2"	40g white mat	24" x 48" / 49" x 121" / 49" x 97"	5 / 3 / 3

16# Tackboard Fiberglass

Thickness	Finish	Size	Pkg
1/8"	100g mat	49" x 121"	Each

Dual Density Fiberglass

Thickness	Finish	Size	Pkg
7/8", (1/8"-16#, 3/4" - 6#)	100g mat	49" x 97"	Each
1", (1/8" - 16#, 7/8" - 6#)	100g mat	49" x 97"	Each

6# Formaldehyde-free Fiberglass (Ecose)

Thickness	Finish	Size	Pkg
3/4", 1"	100g mat	24" x 48"	Each

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