

# Technical Data

## Commercial Acoustics Fabric Walls

The Commercial Acoustics Wall-Mounted Fabric Wall System is a pre-engineered, field-assembled solution to increase sound absorption ratings in Movie Theaters, Auditoriums, and Speaking Halls.

The Fabric Wall System may be outfitted with 1" Thick, 2" Thick or 4" thick Fiberglass panels, depending on the acoustic requirements of the space. Rigid and durable, the fabric wall system is ideal when floor-to-ceiling designs are needed, rather than individual acoustic panels. Acoustic fabric is stretched between parallel tracks to provide a precise finish, resulting in an NRC-rated system that reduces reverberation time and echo.



### Ideal For:

- Theaters (Commercial & Residential), Auditoriums, Churches, Speaking Halls

For any application where noise and reverberation (echo) is an issue, hanging our Acoustic Panels on the walls can transform the space with effective sound absorption. Generally in an untreated room sound waves will continually bounce off walls, ceilings, floors and other hard surfaces until they eventually dissipate. The larger the room the longer it takes for the sound waves to lose strength and die down. The absorptive material inside our Acoustic

Fabric Walls instantly contains the sound waves and prevents them from continuing to travel throughout the room.

### Features / Benefits

**Acoustic Properties:** High-end absorption, with exceptional acoustic properties. They are critical for good speech intelligibility in restaurants, theaters, gymnasiums and other large-volume spaces to limit echo and reverberation.

**Design Options:** Mix and match to fit your needs. Various colors to choose from.

**Durability:** Fiberglass core is durable. Edge is chemically hardened to provide additional edge protection and a clean, finished look. Product is guaranteed for 1 year, but designed to last 10+.

**Installation Options:** Attached within parallel and perpendicular track grid systems.

**Flammability Rating:** Rated for commercial, industrial, and residential applications.

## Technical Specifications

Thickness	Covering	Density	125	250	500	1000	2000	4000	NRC*
1 inch	Fabric	6 lbs	.05	.26	.77	1.04	1.04	1.03	0.80
2 inch	Fabric	6 lbs	.07	.86	1.21	1.26	1.17	1.10	1.05
4 inch	Fabric	6 lbs	.87	.87	1.24	1.26	1.26	1.25	1.15

\* NRC = noise reduction coefficient

Size Availability	Custom Sized to Fit Wall Partitions
Thickness:	1", 2" or 4"
Tolerance:	+/- ¼ inch
Core:	3 or 6 pcf Acoustical Fiberglass
Covering:	Acoustically Transparent Fabric Options from Guilford of Maine
Edge Profile:	Square, Beveled
Mounting:	Ceilings, Columns, Walls - Mounted in PVC Tracks, and Fabric Stretched to Taut Finish
Flammability	Class A - Does not exceed 25 Flame Spread, 50 Smoke Developed when tested in accordance with ASTM E84, UL 723 and NFPA 255.
Indoor Air Quality:	Certified as a low emitting product by the GREENGUARD Environmental Institute GREENGUARD Certification Program



## Fiberglass Core



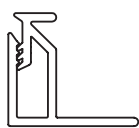
1" Fiberglass, 6pcf  
NRC 0.8



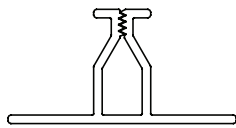
2" Fiberglass, 6pcf  
NRC 1.05

## Track Sizes

### 1" Track

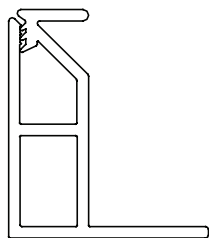


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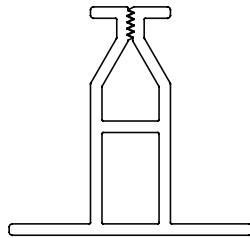


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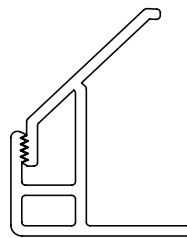
### 2" Track



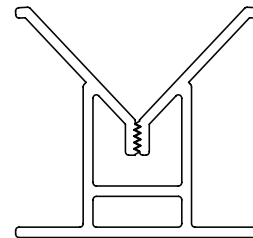
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