

# DATA SHEET

ACOUSTIC PANEL | SOUND SOLUTION

## Product Overview

- Engineered design for sound reduction and reverberation control.
- Acoustic panels create an effective sound control treatment for all applications.
- Perfect for Multi-Purpose Rooms, Teleconferencing Rooms, Classrooms, and Auditoriums.
- Aesthetic lightweight aluminum panels, that can be ceiling hung or wall mounted.

## Specifications

**Approximate Weight:** 6.25 lbs.

**Nominal Size:** 20 7/8" x 45 1/4"

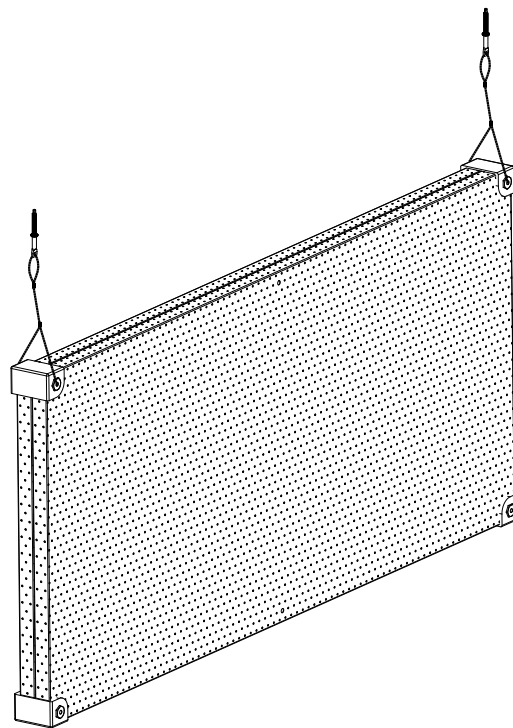
**Thickness:** 2"

**Material:** Perforated 3003 H14 Aluminum  
Acoustic Formaldehyde Free Fiberglass Core

**Fire Rating:** Class A

**Flame Spread Index:** 25

**Smoke Development Index:** 50



## Technical Data

Sound Absorption at Various Frequencies								
Hz	125	250	500	1000	2000	4000	NRC	SAA
2" Panel	0.32	0.78	1.13	1.11	0.97	0.87	1.00	0.99

Data from mounting in Type "A" per ASTM Designation E795-16.

The Noise Reduction Coefficient (NRC) is a single number rating obtained by taking the arithmetic average of the absorption coefficients at 250, 500, 1000, and 2000 Hz rounded to the nearest multiple of 0.05.

The Sound Absorption Average (SAA) is a single number rating obtained by taking the arithmetic average of the one-third octave bands from 200 through 2500 Hz rounded to the nearest 0.01.

Manufacturer's Recommendations:

- 1 Panel per 15ft<sup>2</sup> of space for 1.0s reverberation time.
- 1 panel per 10ft<sup>2</sup> of space for 0.5s reverberation time.

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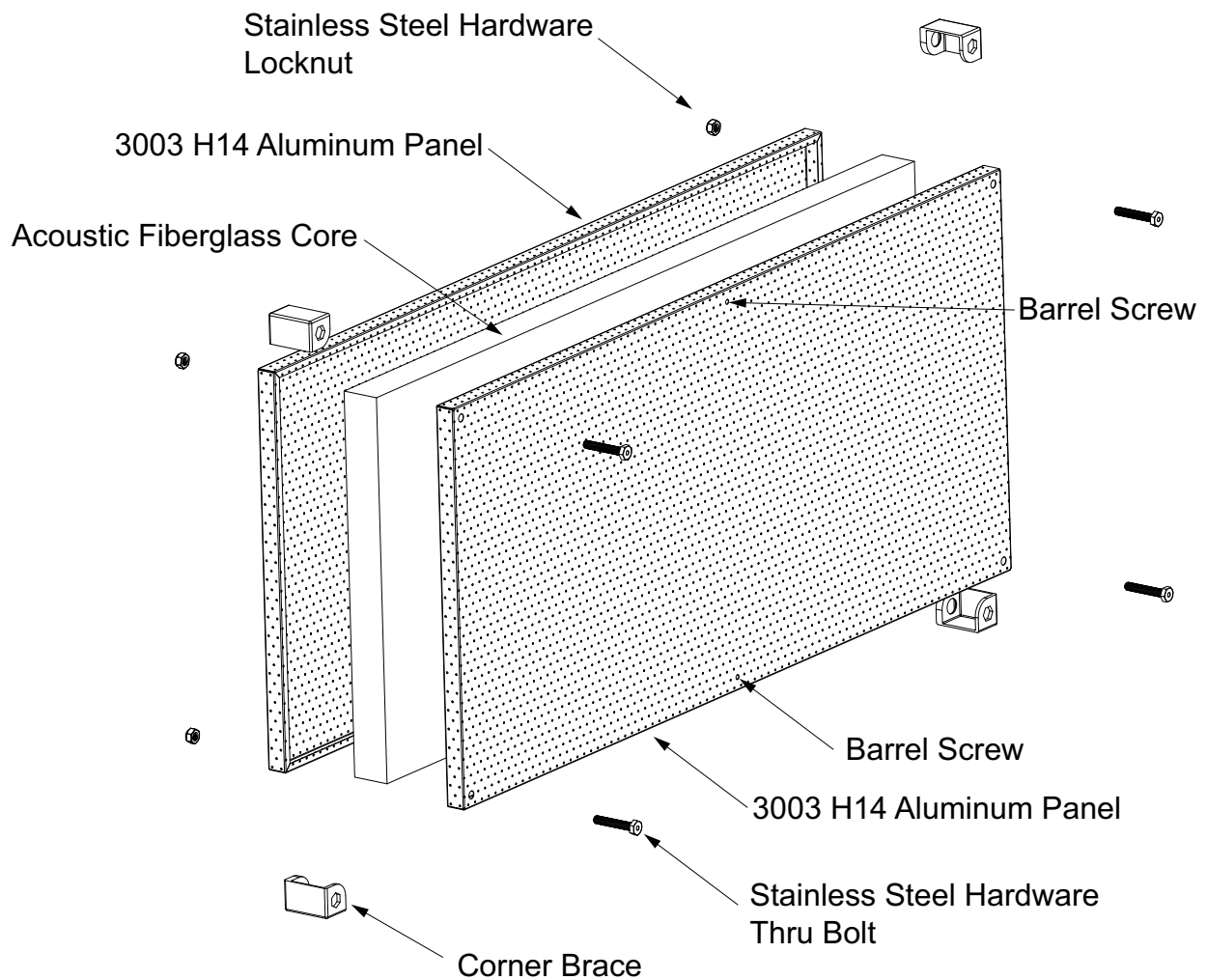
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## Installation Options

Hanging or Wall Mount options are available. Hardware is sold separately.

- Ceiling Hung Hardware: Steel Cable and Anchor – Part Number SP2H-HK
- Wall Mount Hardware: Toggle Anchor and Screws – Part Number SP2W-HK

## Panel Details

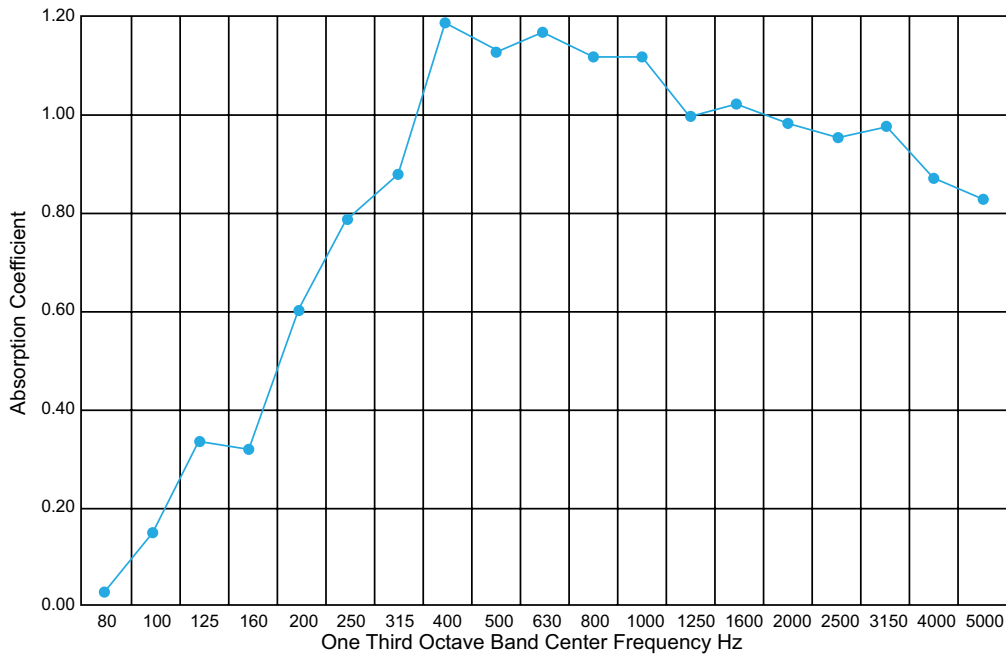


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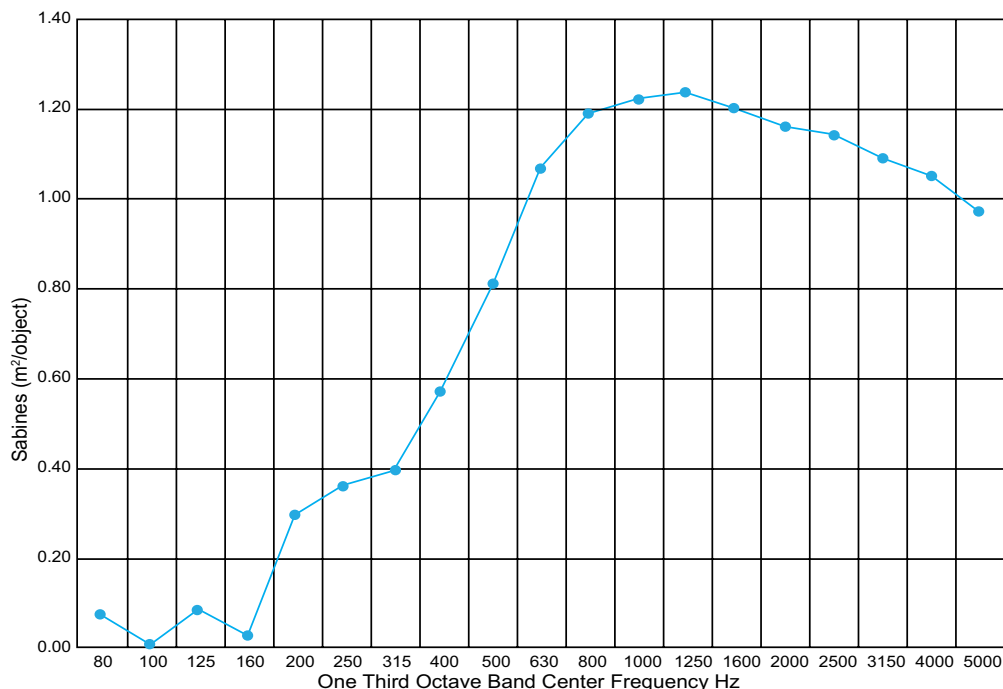
## Additional Test Data

### Absorption Coefficient Type A (Wall Mount Sound Panels)



Mounting: Type "A" per ASTM Designation C423-2022 & E795-16. All samples tested were encapsulated by the aluminum perforated sheet metal.

### Absorption Coefficient Type J (Ceiling Hung Sound Panels)



Mounting: Type "J" per ASTM Designation C243-2922 & E795-16. All samples tested were encapsulated by the aluminum perforated sheet metal.