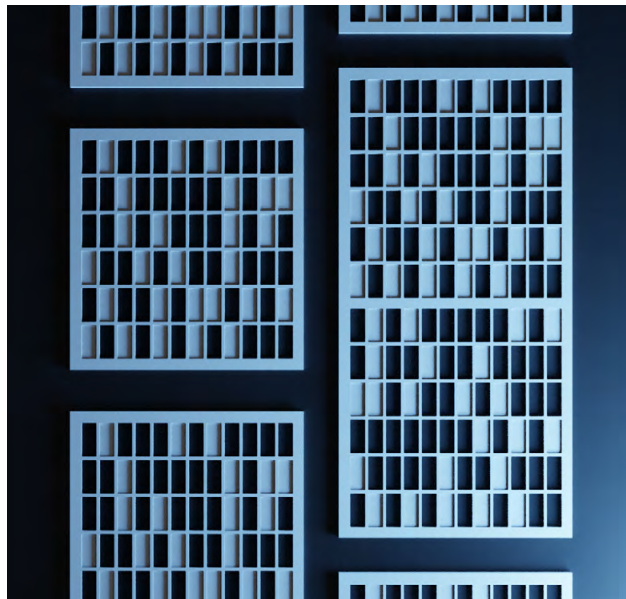
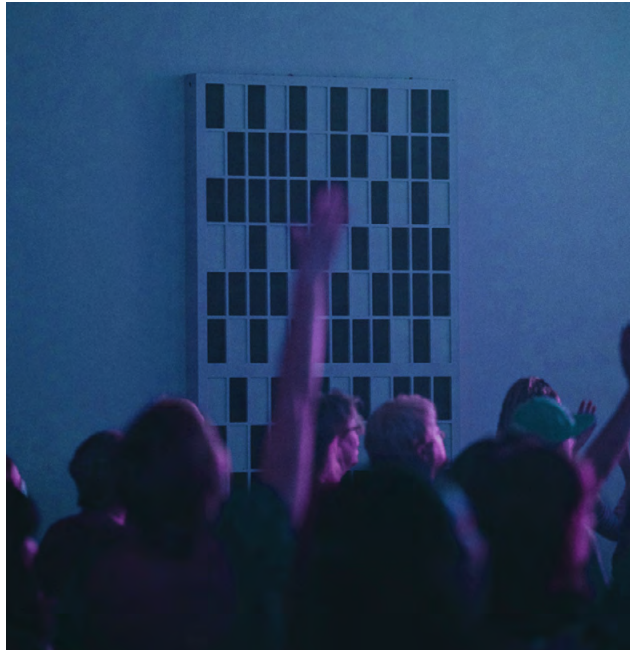




# Hybrid Acoustic Panels

Hybrid Acoustic Panels are our series of passive, flexible acoustic panels that, when applied to an architectural space, improve the sound of a room through a combination of absorption and diffusion.

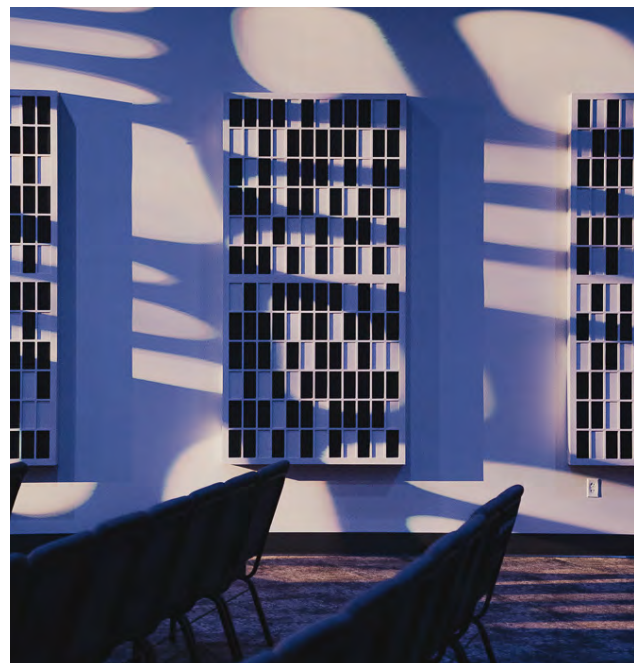


“Acoustic Panels allow us to have both a live, natural sound for our choir and orchestra, and a room with tight low end and clear top end for our worship band. Thinking about the acoustics and the speakers as one system brings a whole new dimension to mixing that is hard to live without once you have experienced it.”

- Alan Brown, Production Director  
Bethany First Church of the Nazarene

## Custom Color Finishes

Custom paint matching and foam core options allow our panels to be designed to fit your visual preferences and environmental aesthetic. All panels are manufactured in our Massachusetts factory, so we can tailor our acoustical panels to fit your needs.





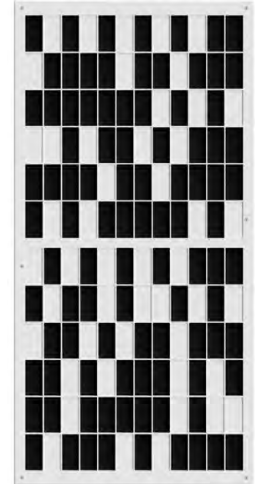
# HA-44 & HA-84

The HA-44 and HA-84 are optimized for treatment of large spaces, providing excellent speech-band diffusion combined with broadband sound absorption. Practically, this allows auditoriums, studios, video production spaces and conference rooms to sound natural and balanced, maintaining a sense of space and aural connectivity between participants while still controlling room reverberation.

These panels can be finished in a customer-selected exterior paint color, with light gray, black, or white open-celled foam visible in the diffuser voids. Panels come standard with a black or white painted frame and light gray foam. Mounting locations are provided for simple and fast leveling and wall mounting on various substrates.



HA-44  
Standard foam / finish



HA-84  
Custom foam / finish

## HA-44 Specifications

### Operating Principle

Hybrid acoustical diffuser / absorber

### Overall dimensions

HxWxD: 47 in. x 47 in. x 4 in. (depth compatible with ADA requirements)

### Weight

60 lb

### Mounting points

Three (3) mounting rails with 1/4 in. continuous fastener strips for customer-supplied wall mounting hardware.

### Construction

Class A fire-rated exterior frame with user-selectable paint color. Fire-rated light gray melamine foam core with optional color dye.

### Standard Finish

Black or white paint color with scratch resistant paint. Infilled with light gray melamine foam in diffuser voids.

### Finish Options

Black or white foam color  
Custom frame paint color

## HA-84 Specifications

### Operating Principle

Hybrid acoustical diffuser / absorber

### Overall dimensions

HxWxD: 95 in. x 47 in. x 4 in. (depth compatible with ADA requirements)

### Weight

100 lb

### Mounting points

Five (5) mounting rails with 1/4 in. continuous fastener strips for customer-supplied wall mounting hardware.

### Construction

Class A fire-rated exterior frame with user-selectable paint color. Fire-rated light gray melamine foam core with optional color dye.

### Standard Finish

Black or white paint color with scratch resistant paint. Infilled with light gray melamine foam in diffuser voids.

### Finish Options

Black or white foam color  
Custom frame paint color

## Acoustical Performance Data

Octave Band	63 Hz	125 Hz	250 Hz	500 Hz	1 kHz	2 kHz	4 kHz	8 kHz
Sound Absorption Coefficient <sup>1</sup>	0.48	0.72	1.10	0.68	0.64	0.61	0.49	0.59

<sup>1</sup>Sound absorption coefficient data measured using a modified procedure based on ASTM C423. Type A mounting. Swept-sine impulse response measurements were acquired using a 39 m<sup>3</sup> chamber for maximum accuracy and noise rejection. Schroeder integration was used to extract the energy decay rate of the chamber.