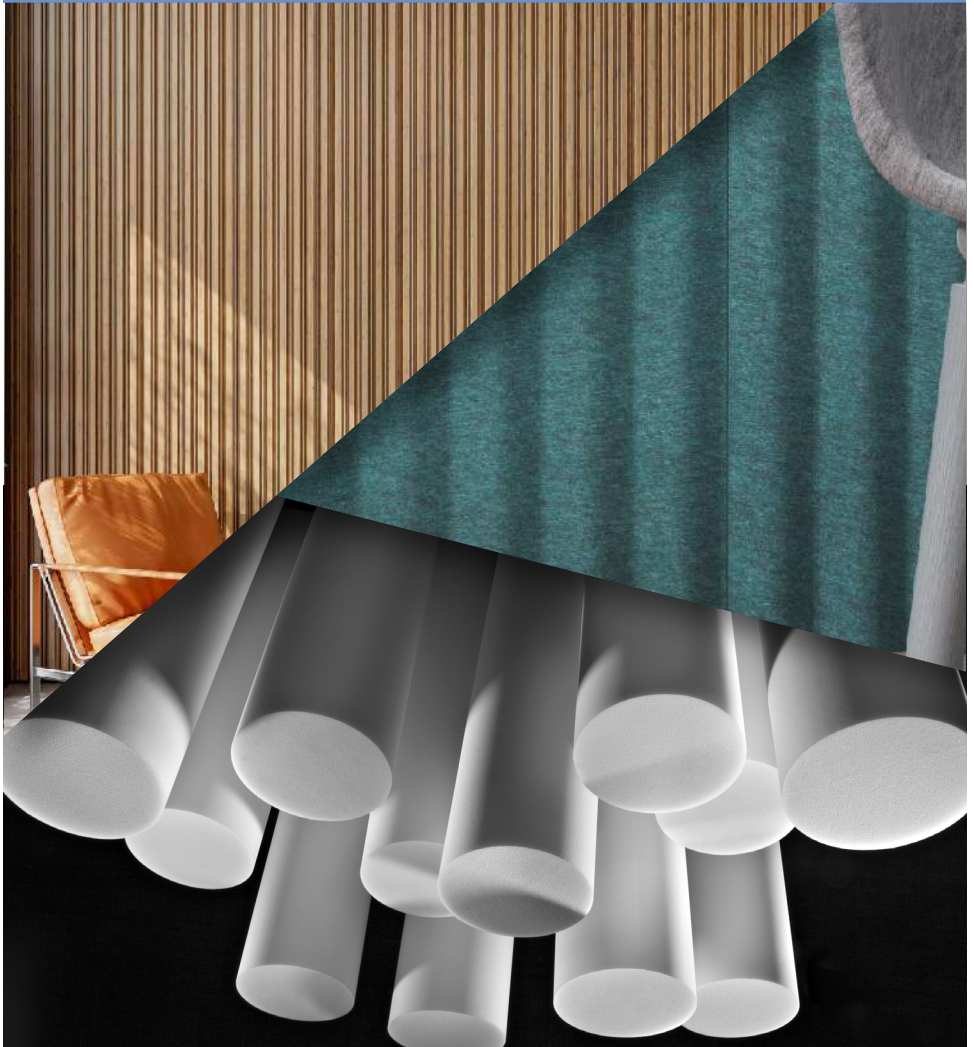


Décor Acoustics

CoreBOO™ + WAVE™ Acoustics + Acoustifoam®



www.DecorAcoustics.com



Décor Acoustics

Décor Acoustics is the culmination of several global manufacturers, specializing in high value, high NRC 'acoustic' products for interior commercial applications.

With a focus on international supply and product development, Décor Acoustics, along with its' parent company, Sustainable Materials, has focused on providing innovative solutions to our nationally renowned client base of Architects and Interior Designers. Ultimately, we believe in better products, which will enable a brighter, and ideally more sustainable and healthy future.


Having won numerous 'global' design awards and accolades, our products grace the walls, ceilings, and shelves of leading corporations the world over. From Hospitality and Healthcare, to Store and Office design, to the 'retail' channel and OEM production, the marriage of our manufacturing capabilities with a deep product development and design skillset proves an invaluable asset to our partners. We are focused, nimble, and able to deliver on our clients' expectations, whether standard in nature, or customized to meet specific needs.

Please look through this brochure and supplement it by navigating through our website (www.DecorAcoustics.com) to see our complete product line. Please also visit our sister companies:

Sustainable Materials (www.SustainableMaterials.com) – sustainable wall products made made from sustainable inputs, cutting edge manufacturing techniques, and innovative product development

Sustainable Flooring (www.SustainableFlooring.com) – sustainable inputs and products for the 'flooring' category

Thanks for your interest, and continued support. We owe our success both to our innovative partners, but also our clients and specifiers who have pushed us to innovate and have helped us make us who we are!

 Pete Nichols, President

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CoreBOO™

Acoustic Panels Made of Bamboo



CoreBOO Bamboo Acoustic Panels are designed specifically for decorative acoustic performance. Available in Slat, Groove, and Perforated Panel versions, if sustainability is a component of your ethos, and simplistic beauty is an ingredient of your designs, CoreBOO has something for you.

Rapidly renewable and 'sustainable'

The bamboo used in all our CoreBOO products is rapidly renewable, and sustainably harvested at 5-year intervals, when the bamboo stalks are at their optimal hardness. Once cut, the bamboo is dried, de-skinned, and planed into long rectangular strips (the building blocks of all our products). We use E0 and NAUF (No added Urea Formaldehyde) adhesives, and low VOC, yet extremely durable, finishes. FSC-certified material is available as needed.

Colors a plenty . . .

All CoreBOO products come in 9 standard color options, either in a UV Lacquer ('satin' sheen) version, or a rubbed OIL finish ('matte' sheen) – ensuring the aesthetic options within the CoreBOO line are plentiful.



Light



Medium



Dark



Black



Grey



White



Walnut



Hazelnut



Teak

Customizing to meet your needs

In addition to color customization at your fingertips, we also have the capability of customizing just about any part of our products. Here are our standard customizations:

Slat Panels – size (width, length, or height) of bamboo slats used; distance between slats (to further alter diffraction characteristics); panel size. ; substrate applied.

Groove Panels – 'groove' pattern and complexity; panel size.

Perf Panels – diameter, position, and density of perforations; panel size.

*Class 'A' fire-rated version (ASTM E84) also available.

Bamboo Processing



Bamboo Forest



Bamboo harvest load



Stacked bamboo poles



Slicing bamboo into strips



Bamboo Strips



Laminated bamboo into 'stock' material

CoreBOO™

Bamboo Acoustic Panels



SLAT Felt – Mix – Dark



GROOVE – Ribs – Light

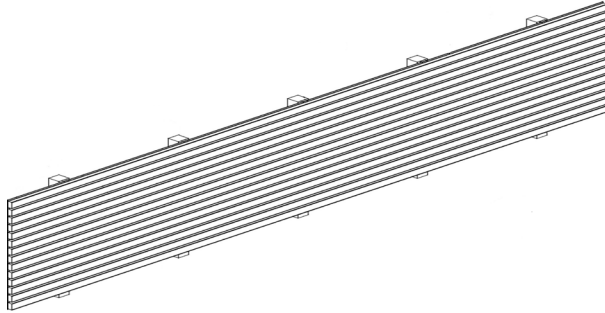


PERF. T&G – Standard – Light

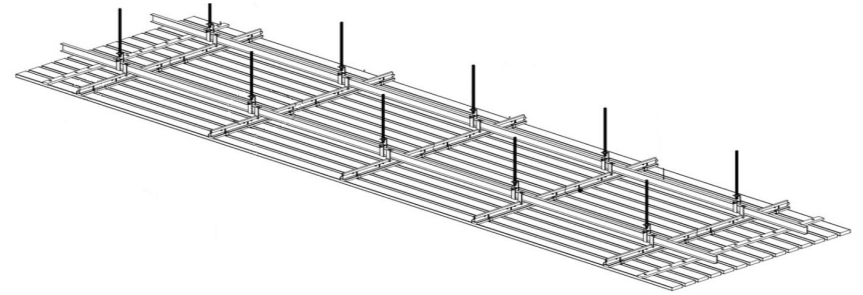
Slat Wall System

The **CoreBOO Slat Panel** products offer an all-encompassing solution for any 'slat panel' project, whether it is for a wall application, or one for the ceiling. We offer standard sized slats and slat configurations (which can be customized), and 5 different 'substrate' assemblies, all of which are available in 9 standard slat colors.

The Slat Panels can be installed either via a direct application or by hanging (for ceiling applications).



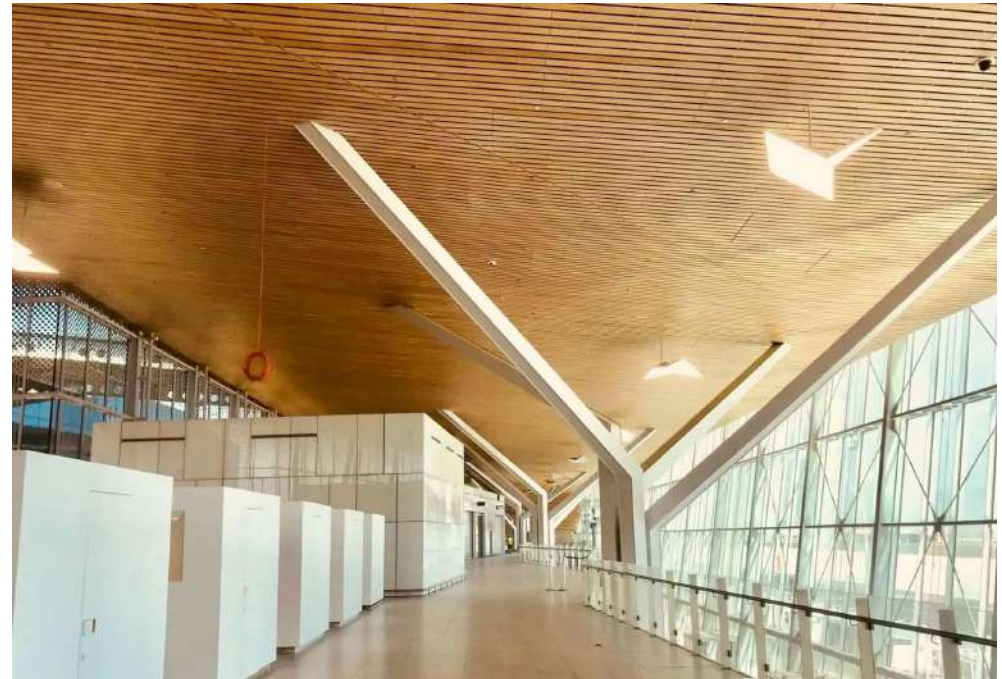
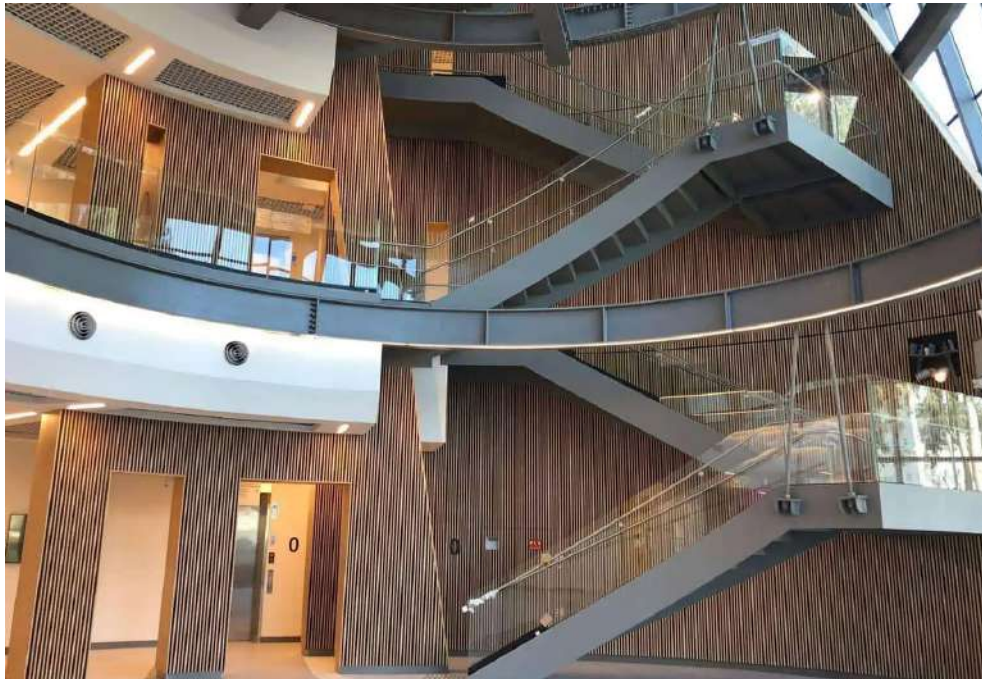
Wall Application



Hanging Application

How it works.....

1 *Select Slat Profile* + **2** *Select Panel Substrate* + **3** *Select Slat Color*



Slat Panel - Profiles ¹

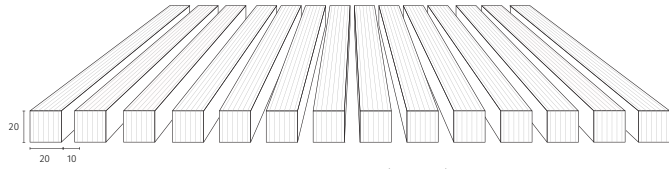
These are the standard CoreBOO Slat Panel profiles. Each version has a specific slat dimension/profile, which are separated by a specific spacing (ie: gap).

Slat 'attributes': made from 100% rapidly renewable 'solid' bamboo (5 year harvesting cycle), made with EO adhesives and low-VOC finishes.

'Customization' options: custom 'sizing' and 'coloring', Class "A" fire-treatment, FSC-certified source material

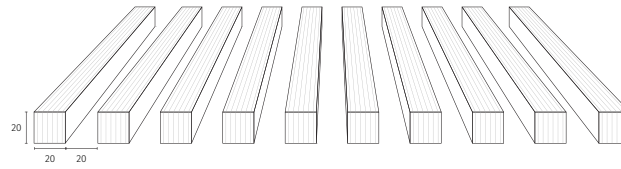
Panel Size: 400mm width x up to 5.8m length (ie: ~ 15.7" x up to 228" length)

'Square' Options



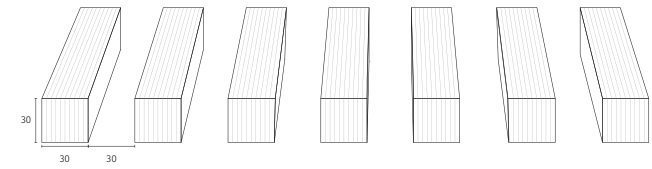
Square 20 (tight)

Slat Size: 20mm * 20mm (~3/4" x ~3/4")
Spacing: 10mm (~3/8")



Square 20

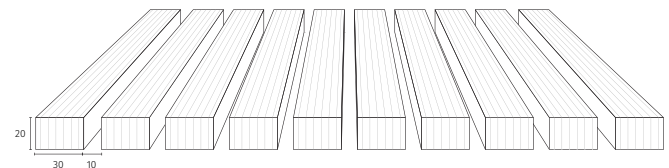
Slat Size: 20mm * 20mm (~3/4" x ~3/4")
Spacing: 20mm (~3/4")



Square 30

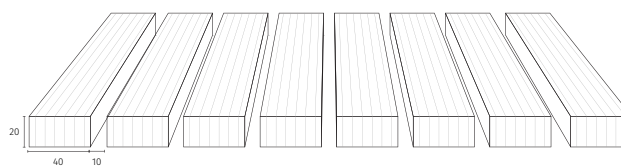
Slat Size: 30mm * 30mm (~1-1/4" x ~1-1/4")
Spacing: 30mm (~1-1/4")

'Flat' Options



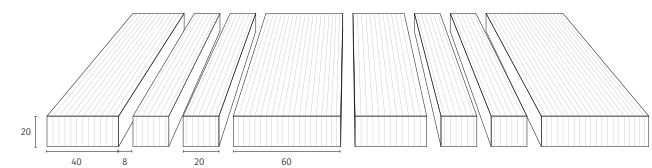
Flat 30 (tight)

Slat Size: 20mm * 30mm (~3/4" x ~1-1/4")
Spacing: 10mm (~3/8")



Flat 40 (tight)

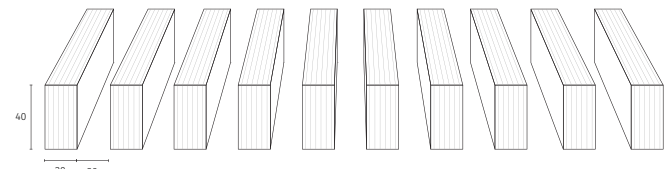
Slat Size: 20mm * 40mm (~3/4" x ~1-5/8")
Spacing: 10mm (~3/8")



Flat MIX

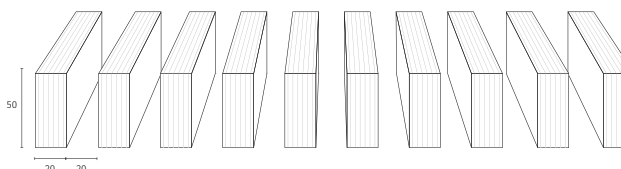
Slat Size: 20mm * 40/20/20/60mm (~3/4" x ~1-5/8" / 3/4" / 3/4" / 2-1/3")
Spacing: 8mm (~1/3")

'Tall' Options



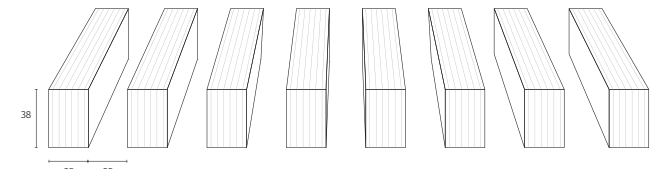
Tall 40

Slat Size: 40mm * 20mm (~3/4" x ~1-5/8")
Spacing: 20mm (~3/4")



Tall 50

Slat Size: 50mm * 20mm (~3/4" x ~2")
Spacing: 20mm (~3/4")



Tall 38

Slat Size: 38mm * 25mm (~1-1/2" x ~1")
Spacing: 25mm (~1")

(NOTE: Custom slat sizes and spacing available upon request)

Slat Panel - Substrates ²

Any of our Slat Wall can be used with any Slat Wall Profile (standard or customized). The decision is typically driven by the aesthetic design and space parameters, but also the intended use or purpose

OPEN



OPEN – “Square 20” (color: Dark)

Substrate : 5/8” aluminum cross beams (adds 3/8” to overall panel thickness)
Notes : default color of aluminum substrate is black (*can be customized*)

FELT



FELT – “Flat 40” (color: Teak)

Substrate : 3/8” recycled PET felt
Notes : default color of PET is black (*can be customized*); NRC “0.30 (varies on slat profile)

AIR MESH



AIR MESH – “Flat MIX” (color: Light)

Substrate : 1/2” bamboo cross beam structure w/ acoustic ‘Air Mesh’ fabric
Notes : color of ‘Air Mesh’ is black; NRC “0.75 (with ≥ 8” of air space above panel, assuming 20% ‘gap’ between slats)

SOLID



SOLID – “Flat 50” (color: Medium)

Substrate : 1/2” bamboo plywood
Notes : default color of plywood is black (*can be customized*)

FLEXI



FLEXI – “Square 20” (color: Medium)

Substrate : 0.2” (5mm) flexible plywood
Notes : for curved surfaces, default color of plywood is black

Slat Panel - Colors ³



Light



Medium



Dark



Black



Grey



White



Walnut



Hazelnut



Teak

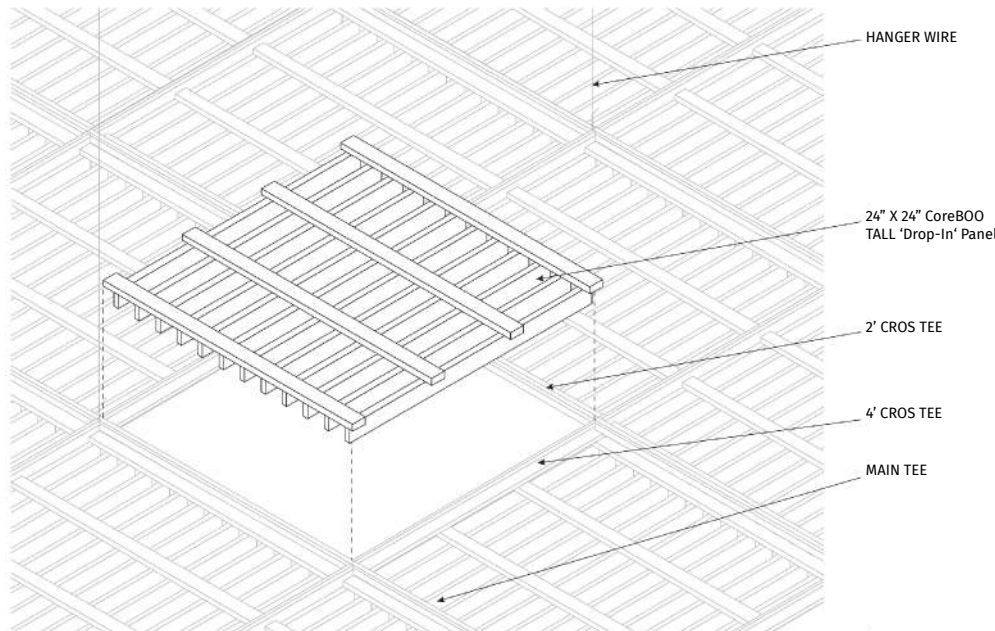
'Drop-In' Panels

The **CoreBOO 'Drop-In' Panels** are designed for 'Install-n-Go' installations in ceiling grid assemblies. The panels are available in standard sizes of 2'x2' and 4'x2' dimensions. The 'Drop-In' Panels are available in both **SLAT Panel** versions and **PERFORATED Panels**.

SLAT 'Drop-In' Panels

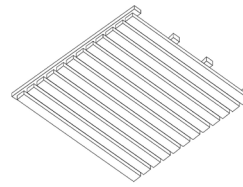
The **CoreBOO 'Drop-In' SLAT Panels** are similar to our standard Slat Panels but are customized by size and depth to fit seamlessly into standard ceiling grid assemblies. The panels come in both a **FLAT** and the **TALL** version, which is distinguished by the orientation of the slats (FLAT represents horizontal placement, and TALL is for vertical).

NOTE: Other slat sizes and/or panels dimensions are available, so please inquire if interested.

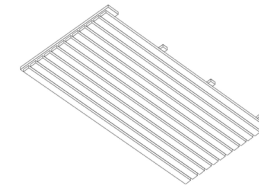


shown in TALL 2'x2'

Flat profile



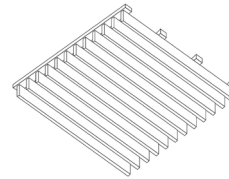
FLAT Drop-In (2'x2')



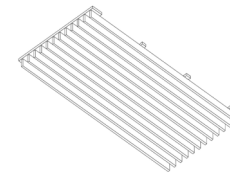
FLAT Drop-In (4'x2')

Slat width: 35mm (~1-3/8")
Slat height: 16mm (~5/8")
Gap spacing: 25mm (1")

Tall profile



TALL Drop-In (2'x2')



TALL Drop-In (4'x2')

Slat width: 16mm (~5/8")
Slat height: 35mm (~1-3/8")
Gap spacing: 34mm (~1-3/8")

SLAT Panel substrates:

AIR MESH



Slats are mounted to a 1/2" bamboo cross beam, with acoustic 'Air Mesh' fabric between the 2 layers (see page 12 for more info.)

PET



Slats are mounted to a 1" recycled PET substrate (see page 12 for more info.)

Note: the images shown only represent the general construction of the 'configuration' shown (actual Slat profiles/size are shown above)

(*) Customization options:

- Slat profiles (sizes) and spacing.
- PET thickness.
- 'FSC' material is also available.

PERFORATED 'Drop-In' Panels.

The **CoreBOO 'Drop-In' PERFORATED Panels** are similar to our standard PET Perf Panels but are sized to fit standard ceiling grid assemblies. The panels are available in 3 perforation sizes and patterns, and like the PET Perf Panels, are made using a sandwich construction where CoreBOO veneer is laminated onto a thin, recycled aluminum carrier (adds rigidity, stability, and fire-resistance), and then that layer is laminated onto a 24mm recycled PET acoustical substrate.

Panel Size:

- 24" x 24" x 1-1/16" (600mm x 600mm x 26mm)
- 48" x 24" x 1-1/16" (1.2m x 600mm x 26mm)

NOTE: other perforation patterns and/or panel sizes are available, so please inquire if interested.



Offset

Perf. diameter : 8mm (~ 1/3")
Perf. separation: 32mm (~1-1/3")



Classic

Perf. diameter : 6mm (~ 1/4")
Perf. separation: 16mm (~2/3")



Micro

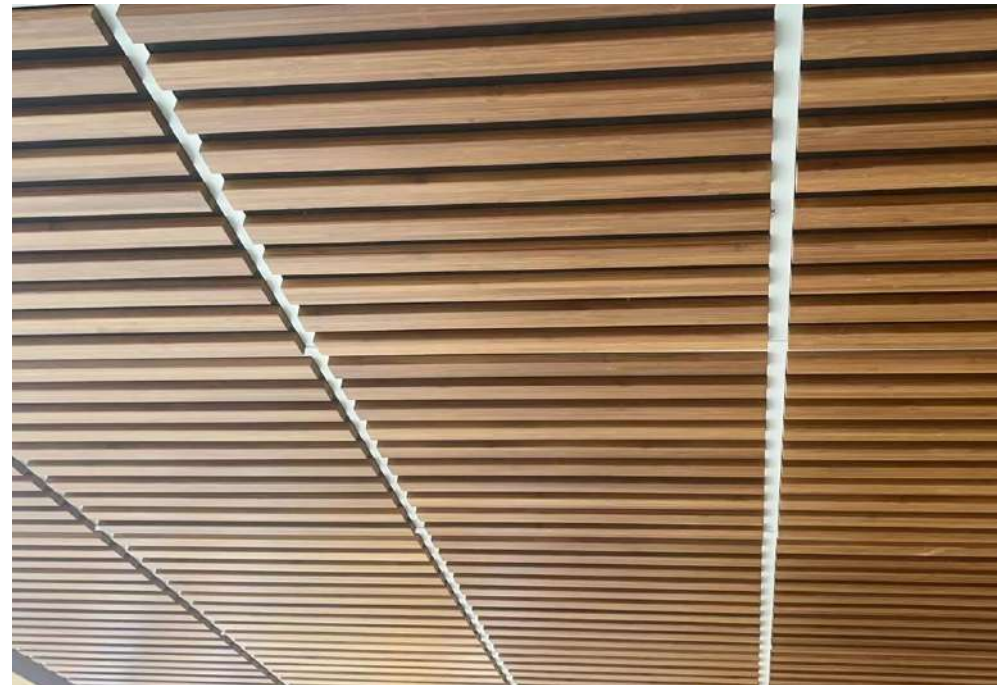
Perf. diameter : 3mm (~ 1/8")
Perf. separation: 16mm (~2/3")

(*) Customization options:

- Perforation diameter, density and pattern can all be customized.
- PET thickness and color can be customized.
- 'FSC' material is also available.



SLAT 'Drop-In' TALL (4'x2') – Medium



SLAT 'Drop-In' FLAT (2'x2') – Dark

CoreBOO™

GROOVE Panel

CoreBOO GROOVE Panels are CNC milled profile panels cut from laminated solid bamboo stock. Available in 3 different versions, each with a consistent though different topical profile and pattern. Clean, and sustainable, bamboo lines are yours for the offering. Each piece easily aligns with an adjacent piece to provide a seamless 'grooved' wall.

The CoreBOO GROOVE Panels provide long parallel runs of milled bamboo ridges in three different profiles. With each piece easily aligned with another adjacent piece, a seamless 'grooved' wall in literally a pin nail away from reality.

Panel Size: 140mm x 2.44m [up to 5.8m] x ~18mm
(ie: 5-1/2" x 96" [up to 228"] x ~3/4")



Ribs

Ridge Width : 17mm (~ 2/3")
Groove Width : 8.5mm (~ 1/3")



Mesa

Ridge Width : 5mm, 21mm
(~ 3/16", 13/16")
Groove Width : ~ 9mm (~ 3/8")



Plateau

Ridge Width : 35mm ("1-3/8")
Groove Width : 11mm ("7/16")



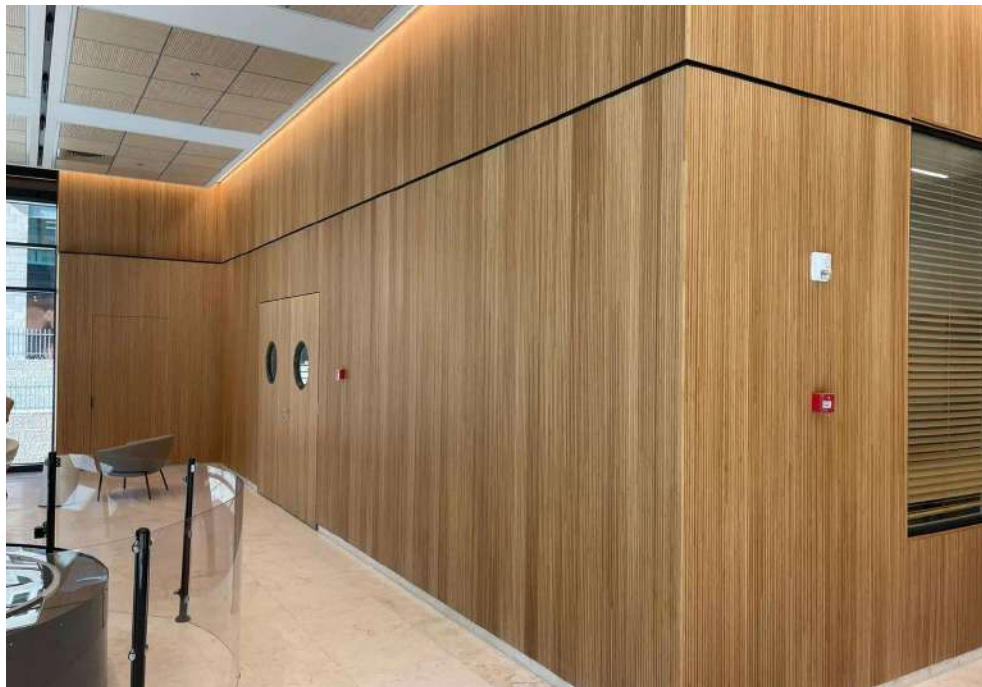
Groove – Ribs - HazelNut



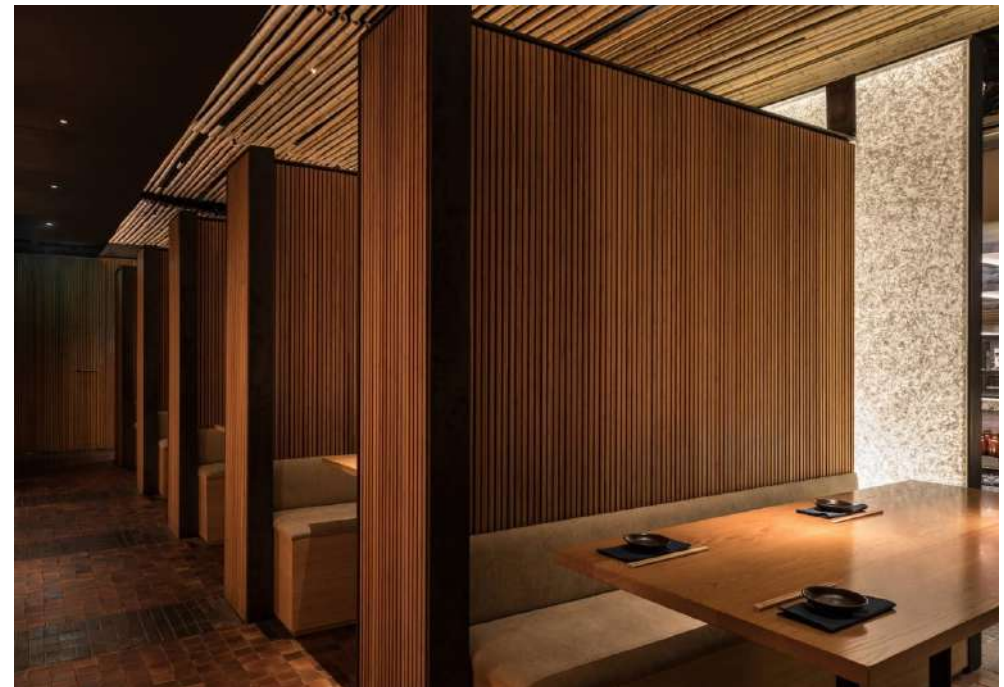
Groove PLATEAU - *Hazelnut*



Groove RIBS - *Hazelnut*



Groove RIBS - *Medium*



Groove RIBS - *Dark*

CoreBOO™

Perf Panels

Our **CoreBOO Perf Panel** line revolves around the idea of resonant sound absorption, which involves trapping air to modify certain frequencies of sound. Different hole sizes and their densities provide selective absorption of different frequencies, all which can be varied to a greater or lesser extent based on substrate used, installation method, and whether 'air' space is built into the assembly behind the panels. Our CoreBOO Perf Panels come in **PET, SOLID, and 'T&G Strip'** formats.

PET PERF

The **CoreBOO PET Perf Panels** are 1/2" panels that are made by applying perforated CoreBOO veneer onto a recycled PET acoustic substrate. Available in 3 standard perforation patterns, these panels boost sound absorption when compared to the Solid CoreBOO panels.

Panel Size: 600mm width x 600mm/1200mm/2400mm length x 15mm thickness
(ie: ~ 24" x 24"/48"/96" length x 5/8" thickness)



Micro

Perf. diameter: 3mm (~ 1/8")
Perf. separation: 16mm (~2/3")



Classic

Perf. diameter: 6mm (~ 1/4")
Perf. separation: 16mm (~2/3")

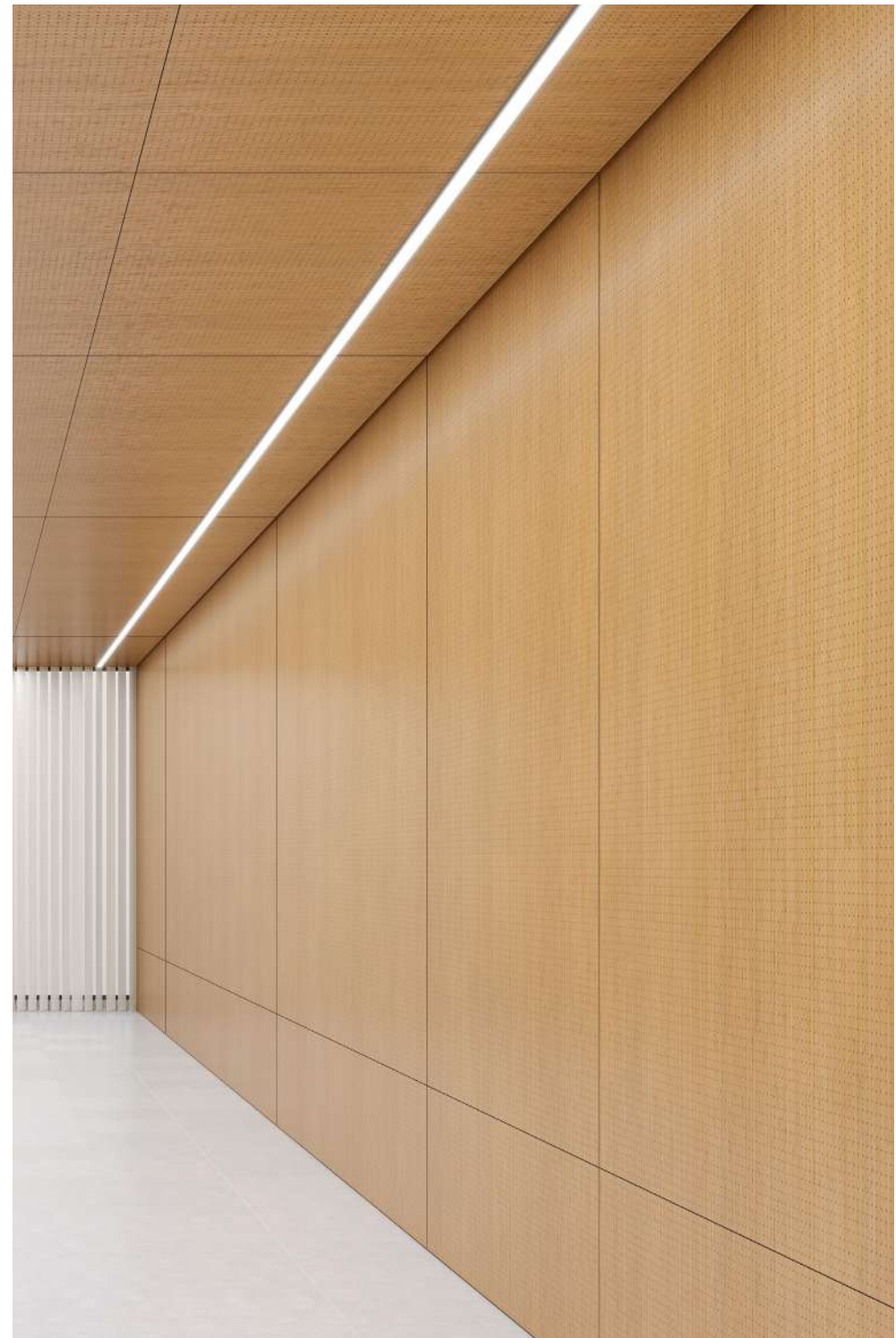


Offset

Perf. diameter: 8mm (~ 1/3")
Perf. separation: 32mm (~1-1/3")

(*) Customization options:

- Perforation diameter, density and pattern can all be customized.
- PET thickness and color can be customized.
- FSC® material is also available.



PET Perf – Classic – Medium

SOLID PERF

The **CoreBOO 'Solid Perf' Panels** are solid $\frac{3}{4}$ " thick panels that are available in 3 options, each with a different perforation size, and are designed with symmetry and specific frequency absorption in mind. **NOTE:** *custom perforation diameters and layouts available upon request*

Panel Size: 600mm width x 600mm/1200mm/2400mm length x 18mm thickness
(ie: ~ 24" x 24"/48"/96" length x $\frac{3}{4}$ " thickness)



Micro

Perf. diameter : 3mm (~ 1/8")
Perf. separation : 16mm (~ 2/3")



Classic

Perf. diameter : 6mm (~ 1/4")
Perf. separation : 16mm (~ 1-1/4")

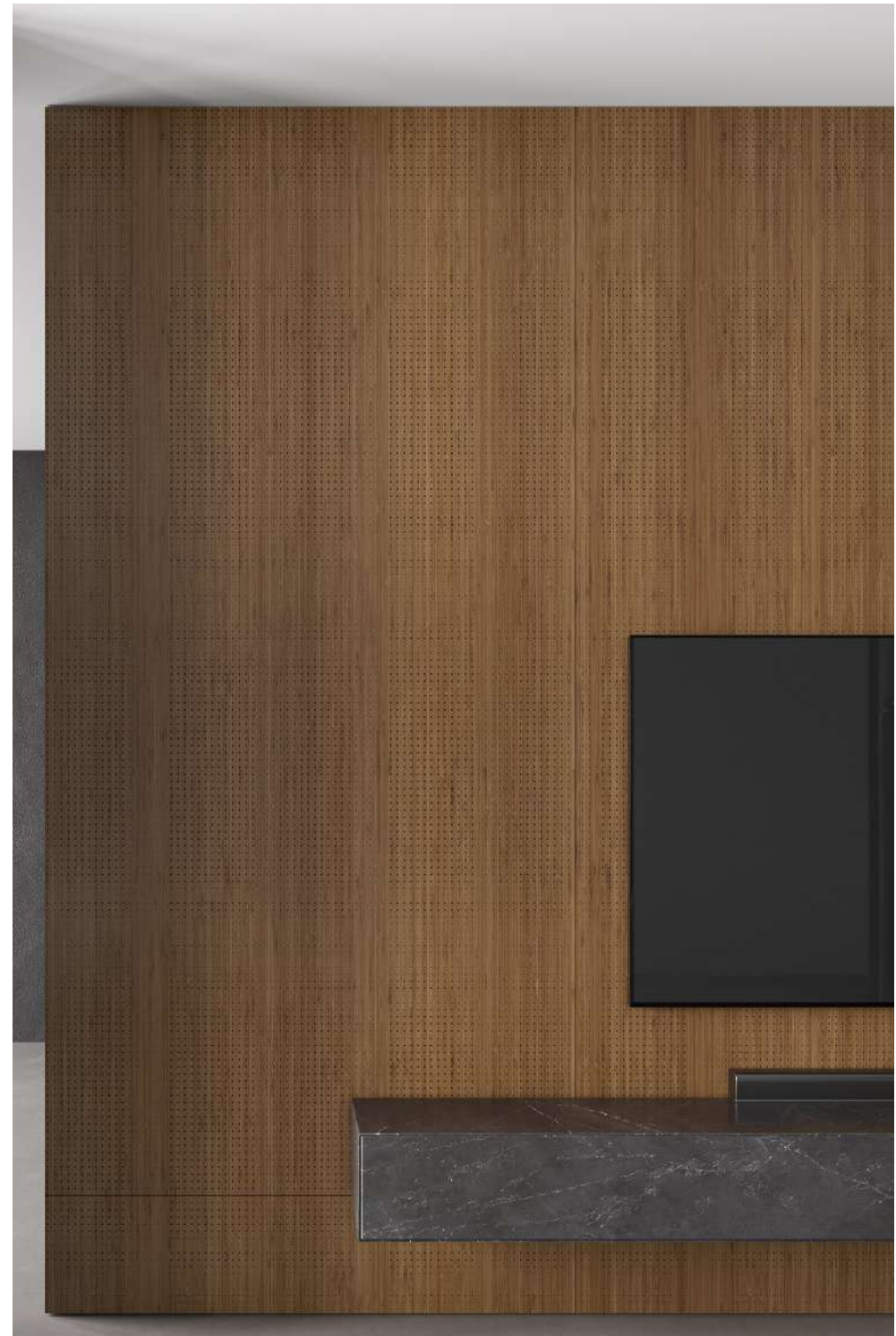


Offset

Perf. diameter : 8mm (~ 1/3")
Perf. separation : 32mm (~ 2/3")



PERF. SOLID – Micro – Medium



PERF. SOLID – Offset – Dark

T&G STRIP

The **CoreBOO 'T&G Strip' Perf Panels** are linear planks available in 3 different face width profiles (5/8", 7/8", and 1-1/8"). Each strip is separated by 2mm, allowing for the centering of a thick perforation through the plank assembly, which ensures maximum sound absorption within each profile.

Plank Size: 128mm width x 2m/2.9m length x 18mm thickness
(ie: ~ 5" x 78"/114" length x 3/4" thickness)



Narrow

Slat Width: 16mm (~ 5/8")



Standard

Slat Width: 23mm (~ 7/8")



Wide

Slat Width: 28mm (~ 1-1/8")

(*) Customization options:

- the slat width and spacing can both be customized.
- 'FSC' material is also available.



T&G PERF – Standard - Light



T&G PERF – Standard - Medium



CoreBOO™ Bamboo Specs

Composition	100% solid bamboo
Density	±680 kg/m ³ (EN323)
Durability Class	1-2 (EN350)
Janka Hardness	1,380 lbf
Moisture Content	10%-14%
Formaldehyde Emission	ND (EN 717-1, ISO16000-9 & ISO16000-6)
TVOC	ND (ISO16000-9:2006/COR1-2007 & ISO16000-6:2011 & ISO16000-3:2011)
Fire-rating (standard)	B-s1, d0 (EN13501)
Fire-rating (w/ treatment)	Class A (ASTM E84-17)
Fungus Resistance	Grade 0 (JIS Z 2911)
Bending Strength	111.75 N/mm ² (EN310)
Modulus of Elasticity	9750 N/mm ² (EN310)
Screw Retentivity Rate	(EN13446) Edge withdrawal-Long side: 31N/mm ² Edge withdrawal-Short side: 36 N/mm ² Surface withdrawal: 44 N/mm ²
Water Absorption Rate	(EN318) Change in length: ±0.9 mm/m Change in thickness: ±1%
Determination of Resistance to Indentation	(EN1534)
Certification Availability	Brinell hardness (HB): 30 N/mm ² Forestry Stewardship Council (FSC)



WAVE™ Acoustics

Molded Recycled PET Felt Panels



Our **WAVE Acoustics** line is from our European partner offering a focused line of very durable, molded, recycled PET 'wave' panels. Each designed to elicit a certain 'feel', the WAVE panels are equally suitable to be installed horizontally or vertically along a wall or ceiling. And while they can be 'direct' applied, they can also be installed with spacing to allow for a boost of sound wave absorption.

Made 'sustainably' from Recycled Fibers

The WAVE Panels are made from PET Felt, that is not only made from 'post-industrial' material, but it also contains 'post-consumer' PET. Unlike other PET products in the market where the ultimate material product origin is unknown and cannot be traced, our material stock is highly refined, and sourced solely from select Western European partners. We firmly believe in diverting plastic from the landfill and keeping it out of incinerators which add pollution to our atmosphere. None of our products contain lead or tin, and they do NOT emit or off gas any VOC particulates or compounds. Our facility is energy neutral and powered via Solar. By supporting our Wave panels, you are making a statement in support of environmental stewardship.

Durability, longevity, and special colors

We aim to maximize the amount of post-consumer material that makes its way into our products. Our goal is simple - diverting as much of post-consumer PET from the waste stream as possible, while making the best and most consistent products we can.



Superior NRC values

The WAVE Panels excel acoustically due to their shape(s) and inherent design. The Sine, Bump, and Gradation panels effectively have built in 'air space' into even the 'direct applied' installation assembly, which increases our panels' NRC value greater than 50% more than flat panels installed in the same fashion. Not only are you getting a better 'design', but the acoustic value speaks for itself.

Benefits at a glance

- Made from post-consumer, European recycled PET
- High NRC values (due to 'design')
- Rigid and durable, and easily is installed
- Available in standard and fire-retardant versions
- CARB 2 and LEED-compliant

Wave Acoustics Processing



Ocean with plastics



Collection of bottles



Bundle of bottles



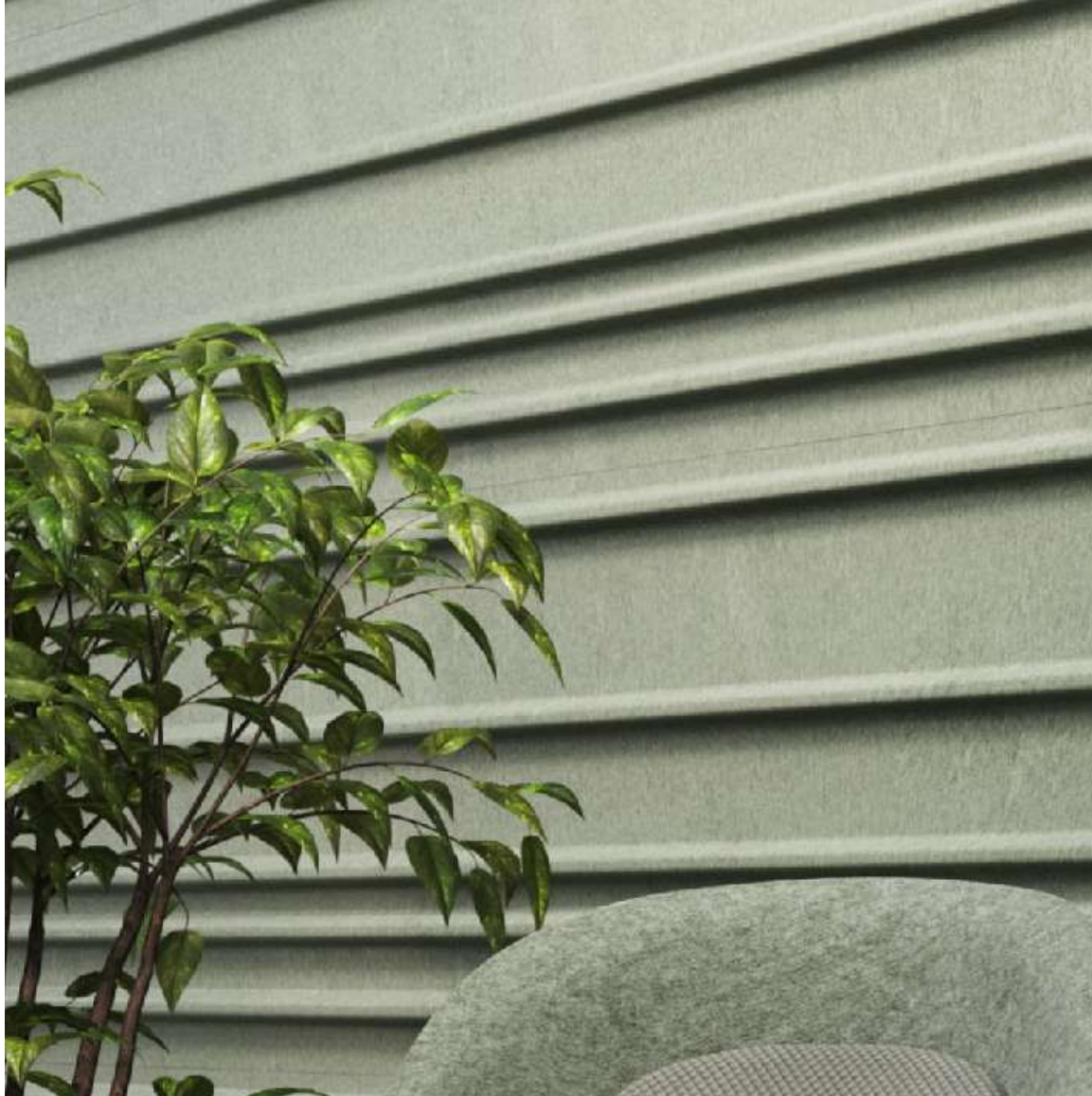
Sorting of bottles



Pressing into felt panels

WAVE™ Acoustics

Molded Recycled PET Felt Panels



GRADATION – *Kelp*



BUMP – *Emerald*

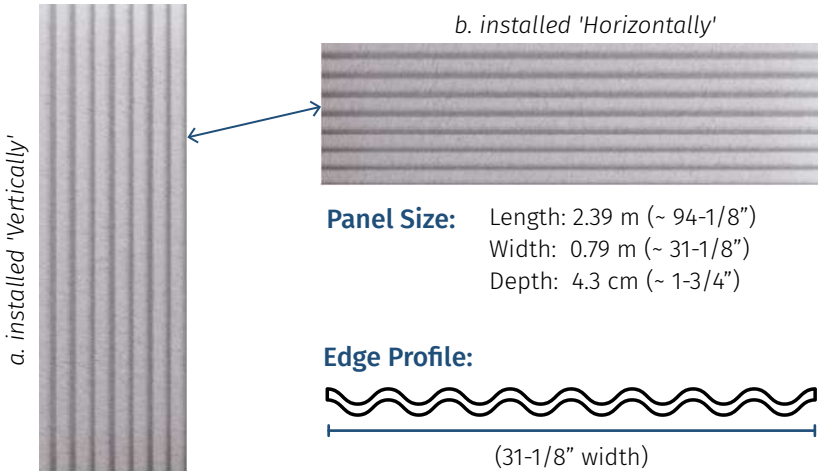


SINE – *Wheat*

SINE

Wave Panels

The **SINE Wave Panels** provide flowing symmetry to walls, ceilings, or dividers alike. In what we consider an ‘infinity’ type pattern, where there are symmetrical oscillations with a consistent amplitude over its’ length, the SINE Wave brings calm and soothing consistency to any space.



SINE Wave Panel Acoustic data:

Installation Method:	NRC
Direct Application	0.60
2" air cavity	0.75
2" cavity (filled with mineral wool)	0.90
4" air cavity	0.90
4" cavity (filled with mineral wool)	0.90

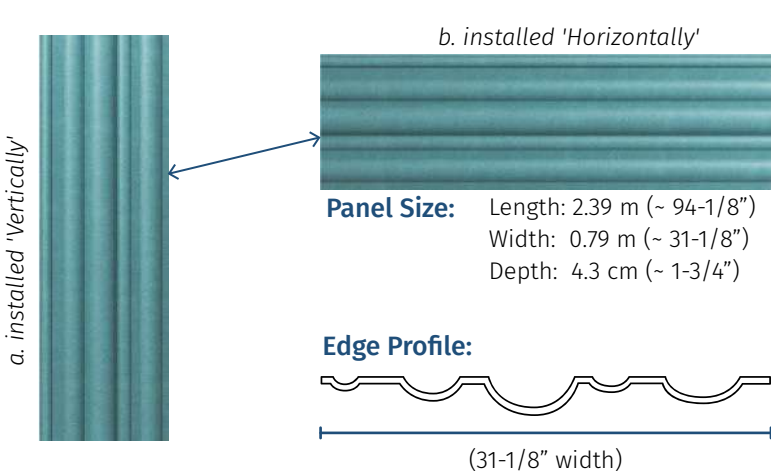


Sine - Kelp

BUMP

Wave Panels

The **BUMP Wave Panels** look like a flowing drape, highlighting its asymmetrical pattern combining different flat and rounded surfaces, each with different relief on the panel. Any piece, cut along a flat section, can seamlessly be joined to another piece (cut along the flat section), to create a consistent and homogenous surface.



BUMP Wave Panel Acoustic data:

Installation Method:	NRC
Direct Application	0.60
2" air cavity	0.75
2" cavity (filled with mineral wool)	0.85
4" air cavity	0.80
4" cavity (filled with mineral wool)	0.85

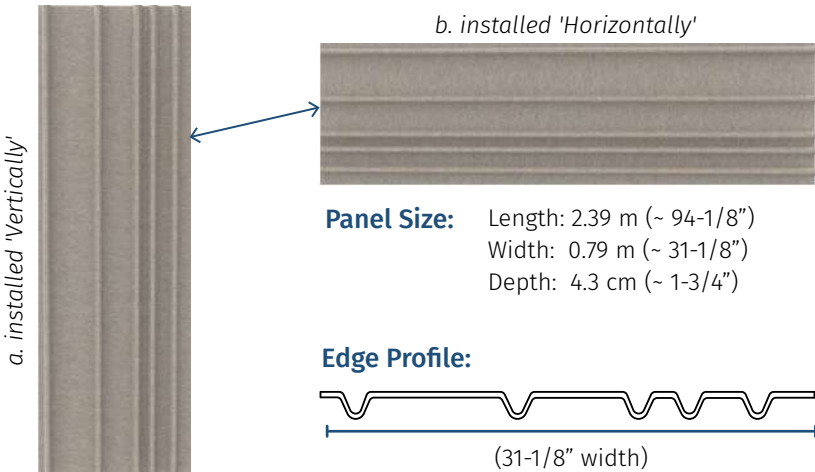


Bump – Wheat

GRADATION

Wave Panel

The **GRADATION Wave Panels** consist of increasingly gradational flat sections which are broken up by parallel, equal height, ribs. The GRADATION panels can be split into sections, and have the pattern repeat indefinitely.

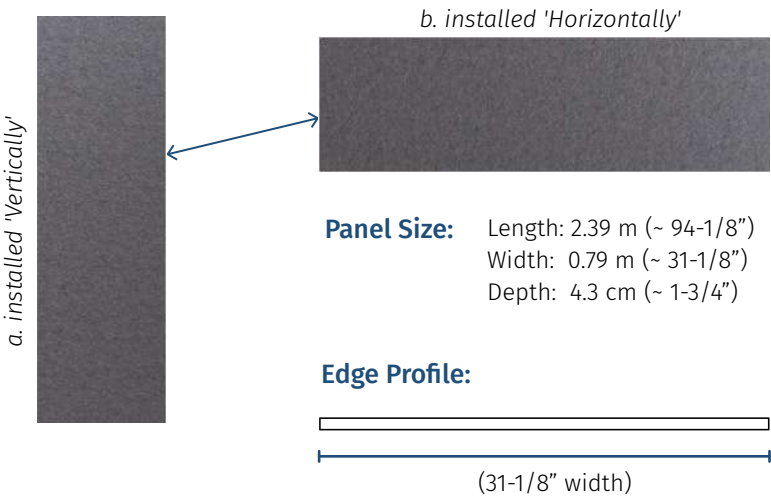


Gradation – Charcoal

FLAT

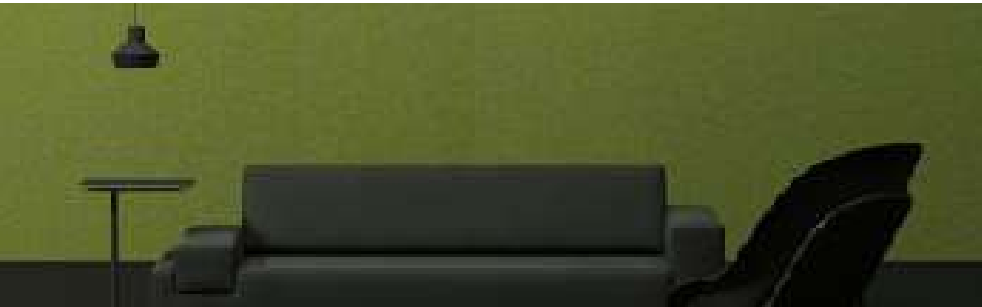
Wave Panels

To complement the flowing Wave profiles, we also offer 10mm **FLAT Wave** panel in the same beautiful colorways as the other panels.



FLAT Wave Panel Acoustic data:

Installation Method:	NRC
Direct Application	0.40
2" air cavity	0.70
2" cavity (filled with mineral wool)	0.80
4" air cavity	0.75
4" cavity (filled with mineral wool)	0.80



Flat - Grass



Gradation – Emerald



Sine – Navy



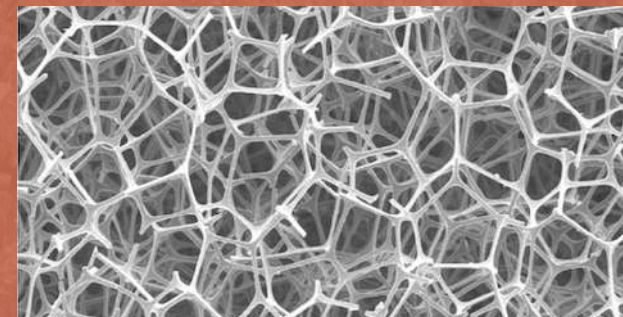
Bump – Mustard



Sine – Kelp + Grass

Acoustifoam[®]

Molded Open-cell Polymer Acoustics



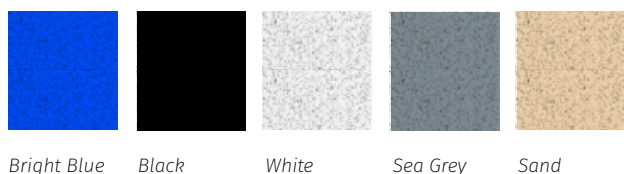
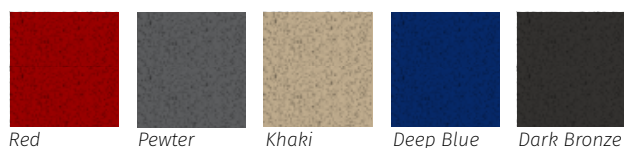
The **Acoustifoam** product line includes highly acoustic absorptive Decorative Tiles, Baffles, Flat Panels and Ceiling tiles. Made from a flexible, open-cell thermoset polymer, that upon microscopic analysis can best be characterized as a material that creates an interwoven network of thin 3-dimensional filaments. This 'jungle gym' of fibers trap sound waves, reducing the reverberation, which in turn absorbs the sound.

Naturally fire-retardant and functionally superior

The Acoustifoam products are ALL naturally fire-retardant (Class A – ASTM E84), without the need to add chemicals to achieve the retardancy (which in itself is a market differentiator). Additionally, the material is light weight, resistant to most organic solvents, and has a very low thermal conductivity – making it an ideal acoustic solution.

Your color, your way – Pantone Custom Coloring

Though our Acoustifoam products are available in 10 standard ('Quick Ship') colors, we also offer Pantone Custom Coloring (PCC), wherein we can custom paint any of our products based on the 'pantone' color provided. This design flexibility allows you to put your design 'signature' where it matters most – in situ.



Pantone Custom Coloring (PCC):

Acoustics...second to none

Our Acoustifoam products are literally 'second to none' when you analyze the materials' NRC values.

Here are some of our NRC level highlights on the various product renditions:

Acoustifoam NRC data summary

	NRC value	Mounting method
Flat Panels (@ 2")	1.0	A
Ceiling Tiles (@2")	0.90	A
	1.0	E
Decorative (CNC'ed) Tiles	0.70	A
Baffles		
Flat Edge (2")	1.35	J (C-Channel)
Sinusoidal (3")	1.05	A
Double "S" (2")	0.95	A
Cylindrical (6" diameter)	0.85	J

Acoustifoam[®] Processing



4 axis CNC for foam



Basotect bending

Acoustifoam® TILES

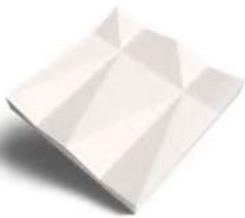
The **Acoustifoam TILES** bring our highly customizable and acoustic absorptive material really into the realm of “design’. With an NRC rating of 0.70 (compare to 0.25 for 7mm felt), our Acoustifoam Tiles provide true decorative sound absorption that is naturally fire retardant.

Size:
 23” x 23” - for Direct application
 23-1/2” x 23-1/3” - for ‘drop-in’ applications)

(Note: thickness ranges between 1-1/2” -3” depending on specific design; inquire for specific design)



ATOMIC – Pewter



ZION



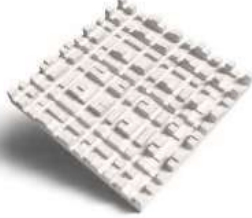
FACET



TRESTLE



WAFFLE



TOPO



ATOMIC



RHYTMIC



FLOWER



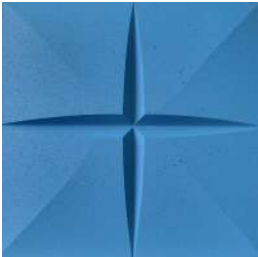
THATCH



DIVE

Sound Absorption Coefficient [Sabins/ft2]									
Thickness [in]	125Hz	255Hz	500Hz	1100Hz	2000Hz	4000Hz	SAA	NRC	Mounting Type
2.00	0.05	0.19	0.66	0.90	1.01	1.08	0.69	0.70	A

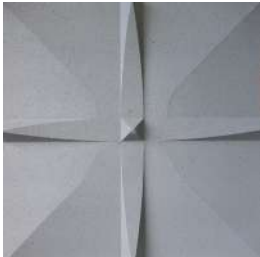
Installation:
 Adhesive, ‘impaling’ clips, or via ‘drop-in’ (to ceiling GRID)



ATOMIC – Bright Blue



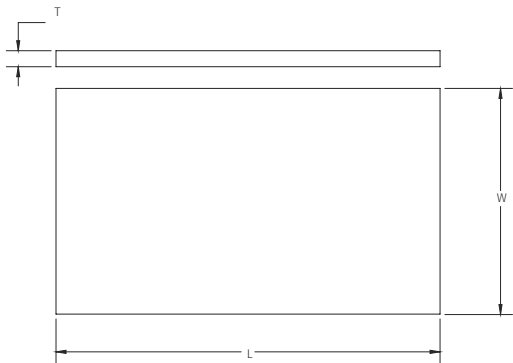
FACET – Sand



FLOWER - Pewter

Acoustifoam® FLAT PANELS

The **Acoustifoam FLAT PANELS** are lightweight, dimensionally sized panels, that are available in multiple thicknesses to enable tight sound specification control ensuring optimal sound absorption designed for the space. With multiple fastening methods, and Best in Class absorption per inch, it is easy to see how the FLAT PANELS out deliver the competition within the acoustic design industry. Though typically used in applications above shoulder height where impact is less likely, or in large volume ‘acoustic spaces’ (studios, theaters, conference rooms, artistic installations, etc.), there is no question that the FLAT PANELS provide the achievable results they tout.



Standard thicknesses:
1", 1.5", 2", 3"

Standard sizes:
2'x2', 2'x4', 4'x4', 4'x8'
[* 'custom' sizes and shapes available]

Installation:
Adhesive, 'impaling' clips, etc.

NRC values:

Sound Absorption Coefficient [Sabins/ft²]										
Finish	Thickness [in]	125 Hz	255 Hz	500 Hz	1100 Hz	2000 Hz	4000 Hz	SAA	NRC	Mounting Type
Natural White	1.00	0.11	0.16	0.53	0.85	0.99	1.04	0.63	0.65	A
	1.15	0.17	0.28	0.84	0.99	1.03	1.04	0.78	0.80	A
	2.00	0.23	0.48	1.08	0.19	1.16	1.11	0.97	1.00	A
	3.00	0.45	0.87	1.26	1.07	1.06	1.10	1.05	1.05	A
	4.00	0.58	1.19	1.45	1.38	1.29	1.24	1.34	1.35	A

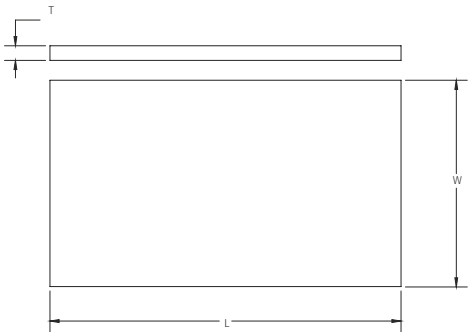


FLAT - White

Acoustifoam® Ceiling Baffles

FLAT EDGE

The **FLAT EDGE Baffles** are an installation derivative on the Flat Panels (same product, just installed differently). They provide flexibility - in space, orientation, and design, especially in larger spaces that historically have taller ceilings (such as in gyms, schools, aquatic centers, lobbies, restaurants, churches, office, and other open spaces). The FLAT EDGE baffles can also be cut or trimmed to transform the rectangular shape into something else (potentially more angular or flowing).



Standard thicknesses:

2", 3"

Standard sizes:

12"x8', 18"x8'
(* 'custom' sizes and shapes available)

Installation:
Adhesive, 'impaling' clips, cable/wire, etc.

Apparent Sound Absorption Coefficient (a) [Sabins/ft²]										
Finish	Thickness [in]	125 Hz	255 Hz	500 Hz	1100 Hz	2000 Hz	4000 Hz	SAA	NRC	Mounting Type
Natural	2.00	0.12	0.41	1.16	1.93	2.06	1.96	1.38	0.65	J/Corkscrews
	2.00	0.29	0.41	1.14	2.00	1.91	1.77	1.36	1.35	J/C-Channel

Apparent Sound Absorption Coefficient (a) [Sabins/ft²]										
Finish	Thickness [in]	125 Hz	255 Hz	500 Hz	1100 Hz	2000 Hz	4000 Hz	SAA	NRC	Mounting Type
Natural	2.00	0.12	0.41	1.16	1.93	2.06	1.96	1.38	0.65	J/Corkscrews
	2.00	0.29	0.41	1.14	2.00	1.91	1.77	1.36	1.35	J/C-Channel

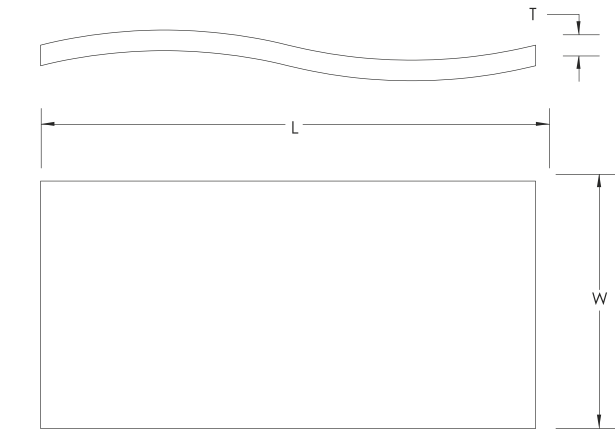


FLAT EDGE 'custom cut' - White

Acoustifoam® Ceiling Baffles

SINUOUS

The **SINUOUS Baffles** are acoustic powerhouses, that not only bring a soothing aesthetic into spaces, but they are 100% absorptive in the human speech frequencies (250 Hertz to 2,000 Hertz) at a mere 2.5" thick. The SINUOUS Baffles are a great example of how design and functionality can harmonize, creating environments with aesthetically pleasing visual elements, while ensuring sound reverberation is minimized. The SINUOUS Baffles work exceptionally well in lecture halls or similar spaces when the goal is to increase speech intelligibility, or even within audio reproduction studios where the target is to minimize reverberation.



Standard thicknesses:
2", 3"

Standard sizes:
12" x 96", 18" x 96"
(* 'custom' sizes available)

Installation: Cable or wire
(see "Acoustifoam CEILING BAFFLE – Sinuous Installation Instructions")

Sound Absorption Coefficient [Sabins/ft²]										
Finish	Thickness [in]	125 Hz	255 Hz	500 Hz	1100 Hz	2000 Hz	4000 Hz	SAA	NRC	Mounting Type
White	2.00	0.15	0.46	1.01	0.98	1.02	1.04	0.89	0.85	A
	2.50	0.28	0.69	1.19	1.06	1.09	1.07	1.00	1.00	A
	3.00	0.35	0.88	1.24	1.05	1.06	1.06	1.06	1.05	A



SINUOUS - White

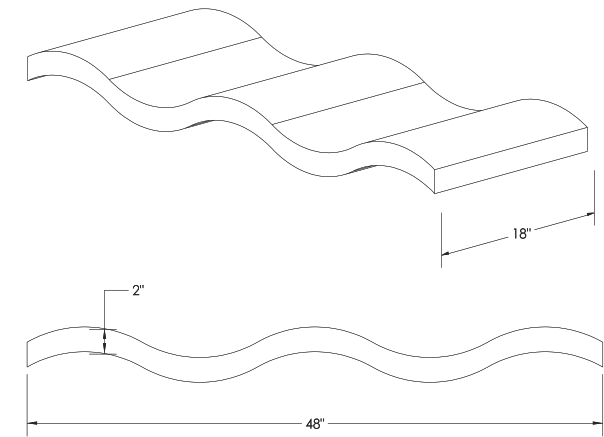
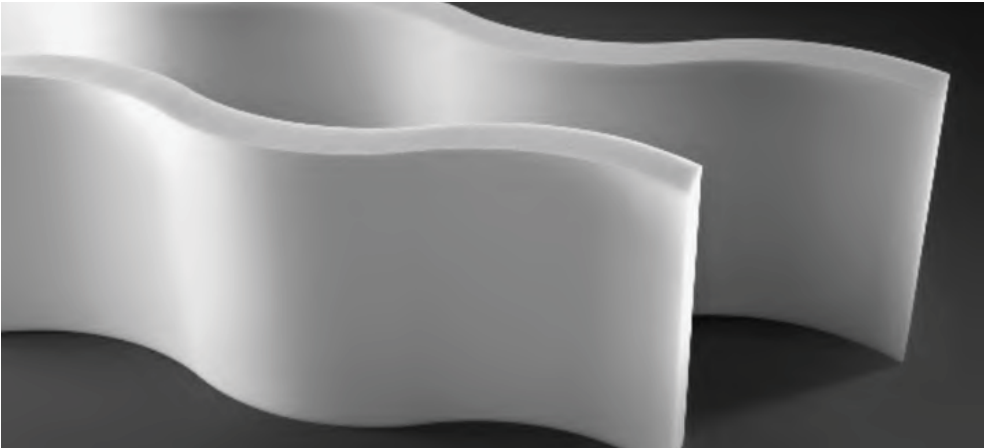


SINUOUS - White

Acoustifoam® Ceiling Baffles

DOUBLE 'S'

The **DOUBLE 'S' Baffles** are like the Sinuous Baffles in visual flow and appeal, though with an amplified amount (2x) of visual humps and valleys within an equivalent sized SINUOUS Baffle. The Double 'S' Panels can easily be hung horizontally, vertically, or even affixed on to a wall or substrate.



Standard thicknesses:
2", 3"

Standard sizes:
12" x 48", 18" x 48"
(* 'custom' sizes available)

Installation: Cable or wire
(see "Acoustifoam CEILING BAFFLE – Double 'S' Installation Instructions")



DOUBLE "S" - White

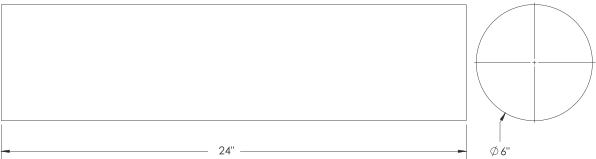
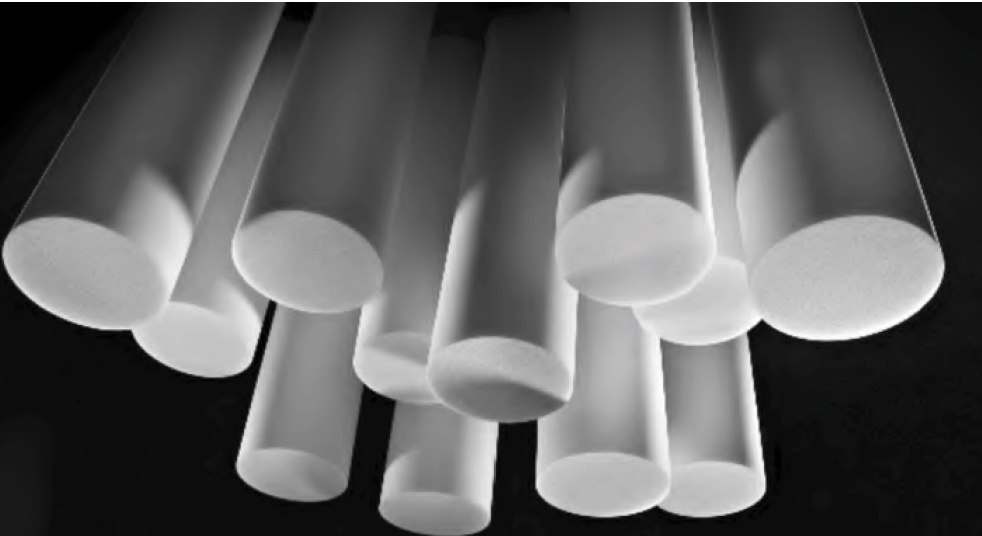
Sound Absorption Coefficient [Sabins/ft²]										
Finish	Thickness [in]	125 Hz	255 Hz	500 Hz	1100 Hz	2000 Hz	4000 Hz	SAA	NRC	Mounting Type
White	2.00	0.22	0.58	1.13	1.09	1.04	1.06	0.96	0.95	A

Total Absorption [Sabins/ft²]										
Finish	Thickness [in]	125 Hz	255 Hz	500 Hz	1100 Hz	2000 Hz	4000 Hz	SAA*	NRC*	Mounting Type
White	2.00	0.61	1.93	5.02	8.34	9.22	9.45	1.51	1.50	J

Acoustifoam® Ceiling Baffles

CYLINDRICAL

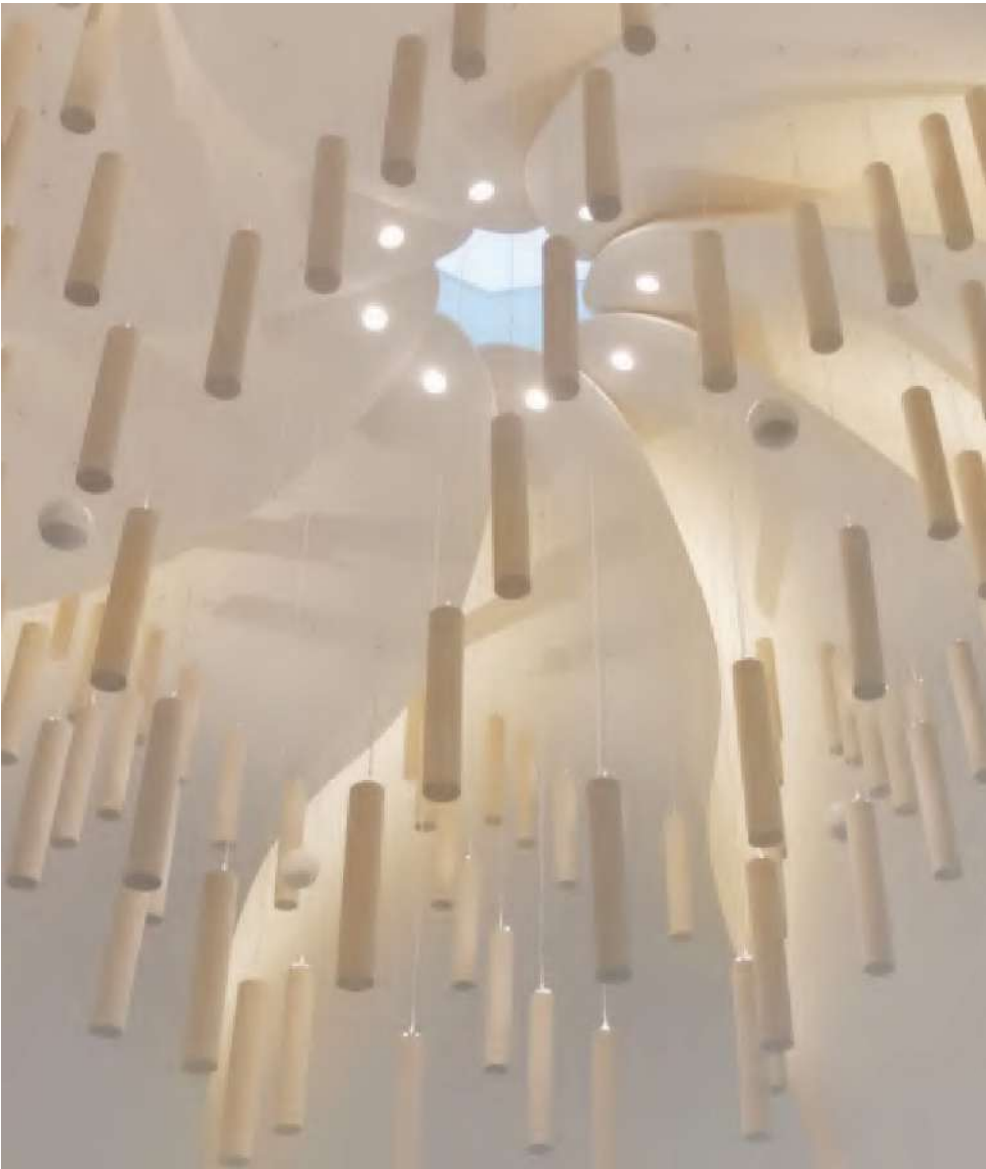
The **CYLINDRICAL Baffles**, in addition to absorption, have the added benefit of acoustic diffraction. As the sound passes the Cylindrical Baffles, the sound is dissolved and evenly dispersed throughout the space as the wave is emitted through the rounded baffle sides. Cylindrical Baffles excel when used in noisy, excessively reverberant, and acoustically uncomfortable spaces where the other tiles or flat panels either do not aesthetically fit, or if their use doesn't provide the desired absorption for the space. Cylindrical Baffles are wonderful with toning echoes and improving perceived sound levels.



Standard thicknesses:
6" diameter

Standard sizes:
6"x2', 6"x3', 6"x4', 6"x5', 6"x6'
(* 'custom' sizes available)

Installation: Cable or wire
(see "Acoustifoam CEILING BAFFLE – Cylindrical Installation Instructions")



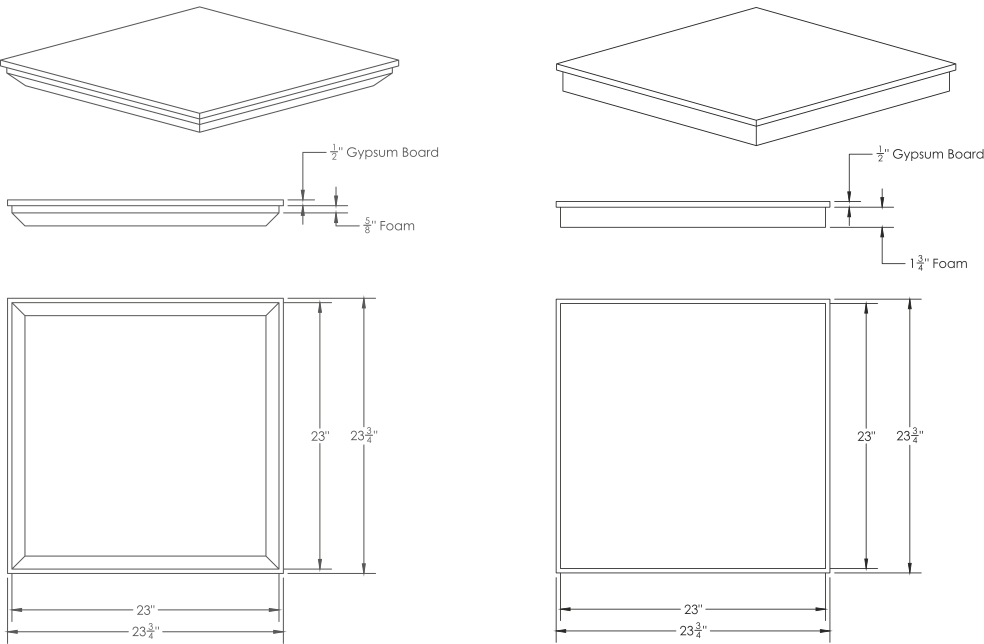
CYLINDRICAL – ‘multiple colors’

Sound Absorption Coefficient [Sabins/ft²]										
Finish	Size [in]	125 Hz	255 Hz	500 Hz	1100 Hz	2000 Hz	4000 Hz	SAA	NRC	Mounting Type
White	6" Diameter x 24" Long	0.29	0.84	2.87	3.84	3.90	3.56	0.87	0.85	J

Acoustifoam® Ceiling Tiles

GRID

The **Acoustifoam GRID Ceiling Tiles** are an ideal product when a ‘ceiling grid’ either exists (ie: a retrofit) or will be installed. GRID Ceiling Tiles help mitigate long reverberation times and excessive echoes in office environments. These can impair speech intelligibility and create discomfort, which has been shown to negatively correlate productivity, stress, and occupant satisfaction. Designed to achieve 100% absorption in speech frequencies (NRC of 1.0), the 2” thick GRID Ceiling Tiles are literally a ‘no-brainer’ for use in offices or other spaces with competing and conflicting sounds.

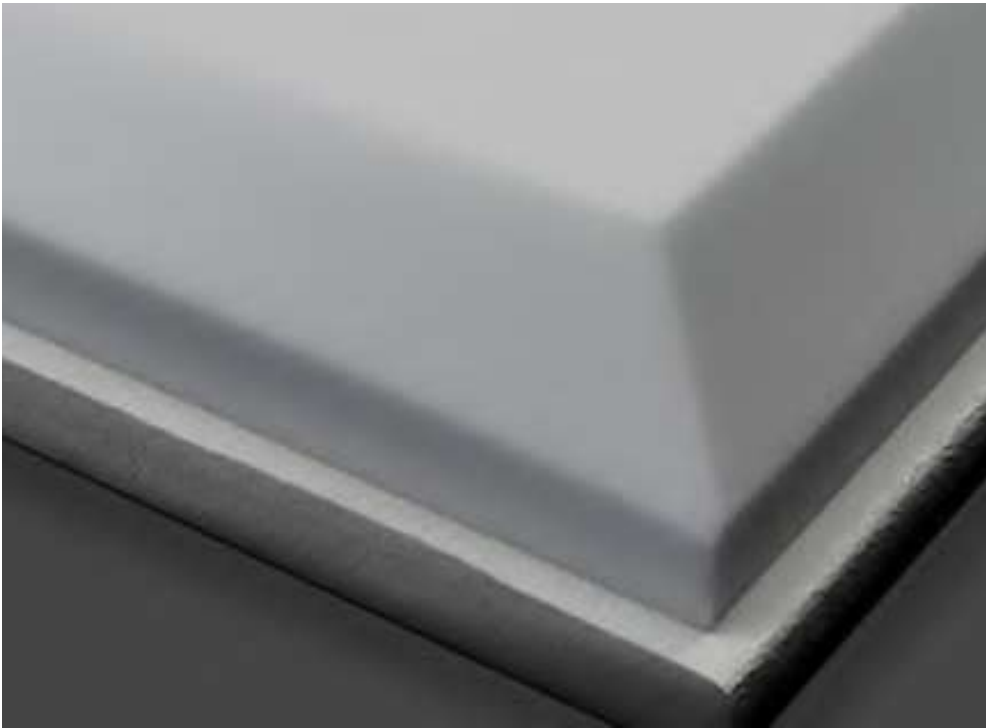


Standard size:

2" x 23-7/8" x 23-7/8"
[* 'custom' sizes available]

Installation:

Place in existing 'grid' (see 'Acoustifoam GRID Ceiling Tiles Installation Instructions')
Note: designed specifically for use in 9/16" or 15/16" drop ceiling grid systems.



Sound Absorption Coefficient [Sabins/ft²]										
Finish	Thickness [in]	125 Hz	255 Hz	500 Hz	1100 Hz	2000 Hz	4000 Hz	SAA	NRC	Mounting Type
White	2.00	0.22	0.48	1.02	1.05	1.02	1.03	0.89	0.90	A
		0.83	0.94	0.91	1.10	1.09	1.13	1.01	1.00	E

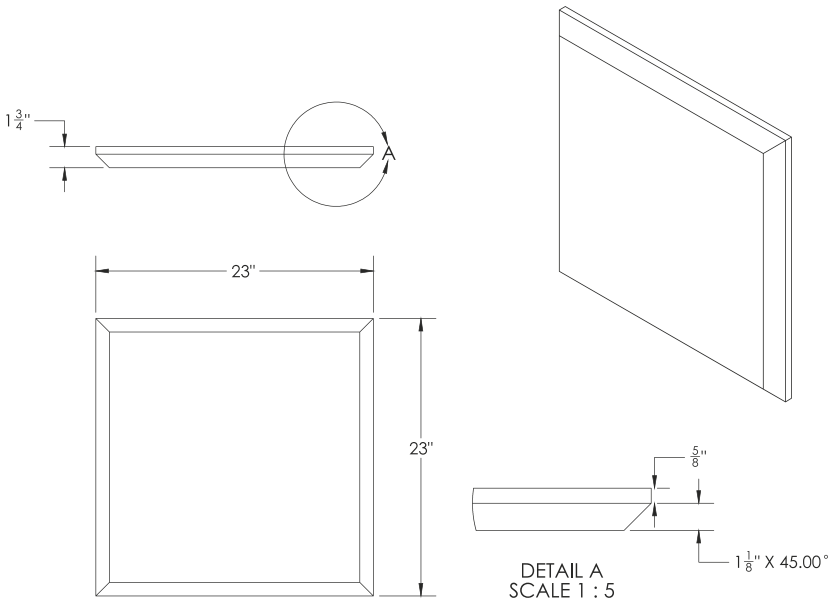


GRID (Beveled) - White

Acoustifoam® Ceiling Tiles

STICK-ON

The **Acoustifoam STICK-ON Ceiling Tiles** provide the same benefits as the GRID Ceiling Tiles but without the requirement for being installed and held by gravity into a ceiling grid. The STICK-ON Ceiling Tiles mount directly onto the ceiling, adding texture and relief to what otherwise would be a flat surface. The STICK-ON Ceiling Tiles are tremendously effective at bringing acoustic comfort into noisy and/or echoey spaces.

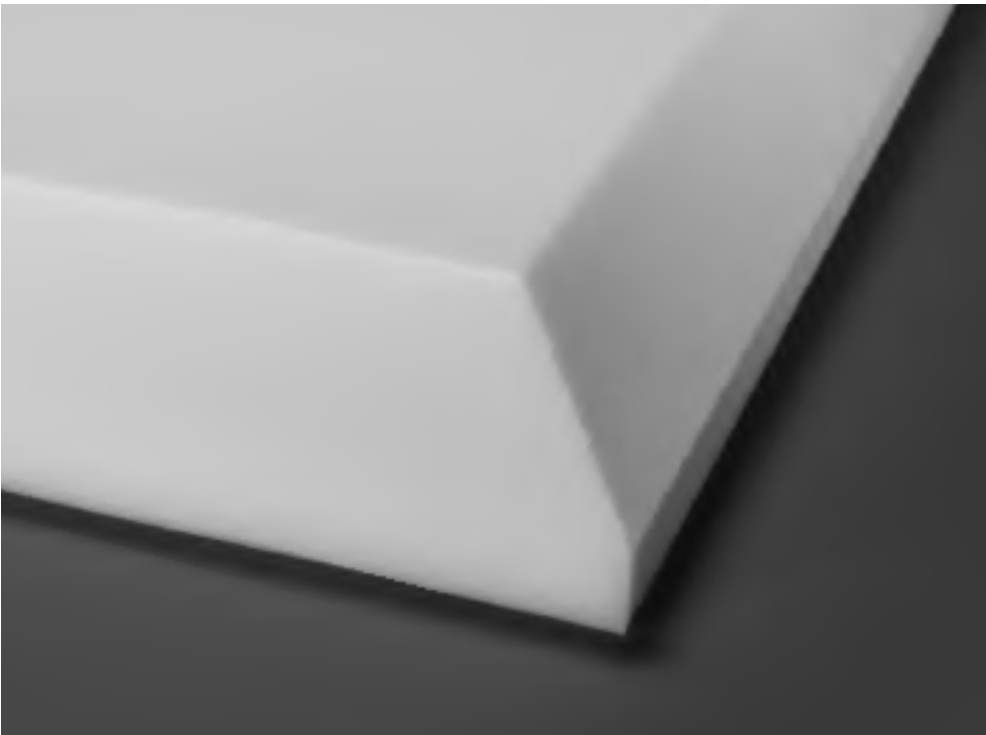


Standard sizes:
2" x 23" x 23"

Installation:
Place in existing 'grid' (see Acoustifoam STICK-ON Ceiling Tiles Installation Instructions)

Standard size:
2" x 23-7/8" x 23-7/8"
[* 'custom' sizes available]

Installation:
Place in existing 'grid' (see 'Acoustifoam GRID Ceiling Tiles Installation Instructions')
Note: designed specifically for use in 9/16" or 15/16" drop ceiling grid systems.



Sound Absorption Coefficient [Sabins/ft²]										
Finish	Thickness [in]	125 Hz	255 Hz	500 Hz	1100 Hz	2000 Hz	4000 Hz	SAA	NRC	Mounting Type
White	1.75	0.12	0.36	0.90	0.98	0.99	1.00	0.81	0.80	A
		0.80	0.86	0.83	1.10	1.09	1.14	0.97	0.95	E



STICK-ON (Beveled) - White



DécorAcoustics
WALL AND CEILING

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www.DecorAcoustics.com

720-449-3063

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