

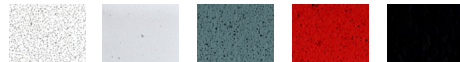


Décor
Acoustics
— brochure

Décor Acoustics Brochure

Décor Acoustics is a line of highly acoustic absorptive ceiling baffles, tiles, and wall panels. Made from a flexible, open-cell thermoset polymer, Décor acoustics brings German engineering and sustainability to the US. Available in standard sizes, though also customizable, Décor Acoustics panels are designed for applications that benefit from extremely high levels of sound absorption ensuring value both with Return on Investment (ROI) and occupant comfort. Available in a several standard colors for 'quick ship' applications, all Décor Acoustics materials can easily be customized by desired Pantone color (PCC – Pantone Custom Colored), allowing for acoustic excellence in the colorways that allow you to put your 'design' signature on the space.

'Quick Ship' Colors

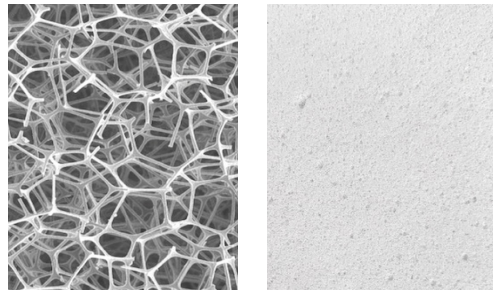


PCC (Pantone Custom Colored)



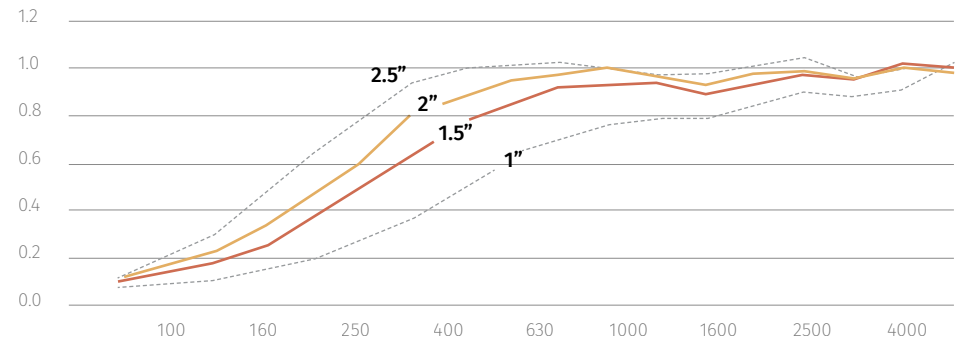
The Material:

Décor Acoustics is made from an 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 sound energy, which in turn absorbs the sound.



Being naturally fire-retardant (without the need to add chemicals to achieve the retardancy) is a main differentiator that Décor Acoustics material has over most other sound materials like PET Felt. Light weight, resistant to most organic solvents, having low thermal conductivity and carrying a Class "A" fire rating, Décor Acoustic products not only practice what they preach as far as acoustics, but they have the attributes that make them an ideal interior décor material.

Décor Acoustics – Degree of Sound Absorption at select thickness(es)

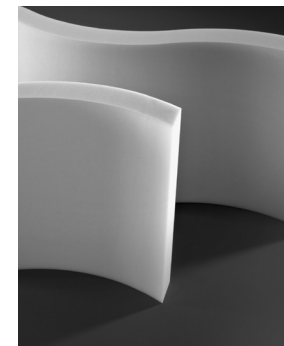


Décor Acoustics – NRC values	Thickness	125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz	NRC
"natural"	1"	0.11	0.16	0.53	0.85	0.99	1.04	0.65
	1.5"	0.17	0.28	0.84	0.99	1.03	1.04	0.80
	2"	0.23	0.48	1.08	1.19	1.16	1.11	1.00
	3"	0.45	0.87	1.26	1.07	1.06	1.10	1.05
PCC/Painted	4"	0.58	1.19	1.45	1.38	1.29	1.24	1.35
	1"	0.07	0.18	0.55	0.83	0.96	1.01	0.65
	1.5"	0.17	0.28	0.86	0.99	1.02	1.02	0.80
	2"	0.20	0.51	1.05	1.05	1.03	1.05	0.90
	3"	0.36	0.90	1.24	1.04	1.02	1.09	1.05
	4"	0.63	1.19	1.47	1.37	1.31	1.34	1.35

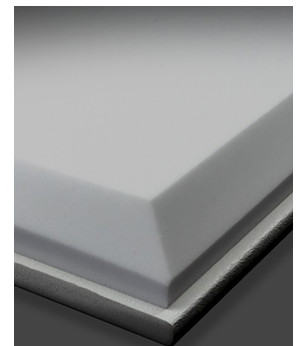
(*Note: different thicknesses are available – from ½" to 19", though NRC data may be incomplete and/or would need to be achieved through extrapolation)



Flat Panels



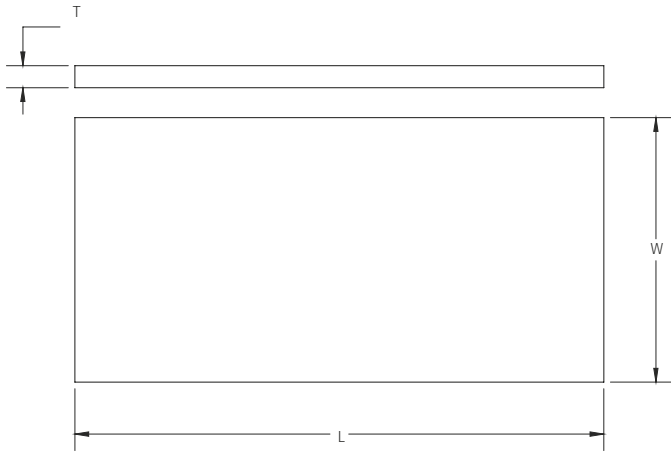
Ceiling Baffles



Ceiling Tiles

Flat Panels

The Décor Acoustics FLAT PANELS are lightweight, dimensionally sized panels, that are available in multiple thicknesses to maximize sound absorption within the space based on relief and design. With multiple fastening methods, and 'best in class' absorption per inch, it is easy to see how the FLAT PANELS outshine the competition within the acoustic design space. Though typically used in applications above 'reaching' height or those designed as 'acoustic spaces' (studios, theaters, conference rooms, artistic installations, etc.), there is no question that the FLAT PANELS provide the results they tout.



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

Quick Ship colors:
'natural' (an off-white),
White, Black, Dark Grey, Red

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

Custom colors:
PCC (Pantone Custom Colored)
Digital Print (resolution \geq 300 dpi)

Installation:
Adhesive, clips, Velcro, etc.

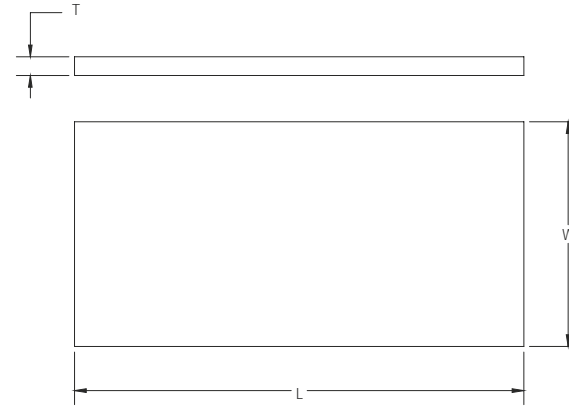


Ceiling Baffles

The Décor Acoustics CEILING BAFFLES are panels designed to be suspended from the ceiling or ceiling framework within a space. Available in flat, a cylindrical, and two sinuous versions, there are multiple Décor options that can either subtly blend into the background or be used to exacerbate and create design within it. The application of Ceiling Baffles leverages acoustic absorption on the surface that historically provides the most 'value' (ie: greatest ROI, and 'bang for your buck'). While our standard offerings allow a multiple of design options depending on how the Ceiling Baffles are mounted and hung, customization to size and shape is also an option. And, with our 'PCC' (Pantone Custom Colored), you can hide sound absorption, or scream about it from the rooftops – the design methodology is yours!

** - the baffles are typically made thicker than our standard Flat Panel and Ceiling tiles due to the greater potential for sound absorption and the fact that thicker is better when trying to maintain shape when gravity is in play, especially when the panels are laid horizontally.*

Flat Edge:



Standard thicknesses:
2", 3"

Standard sizes:
12"x8', 18"x8'
[* 'custom' sizes and shapes available]

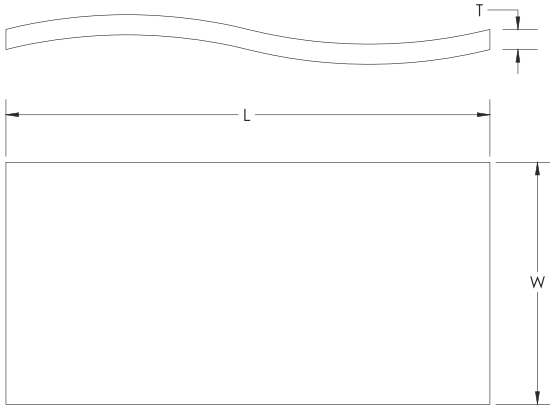
Quick Ship colors:
'natural' (an off-white),
White, Black, Dark Grey, Red

Custom colors:
PCC
(Pantone Custom Colored)
Digital Print
(resolution \geq 300 dpi)

Installation:
Hang from ceiling or substrate
using cable/wire



Sinuuous:



Standard thicknesses:
2", 3"

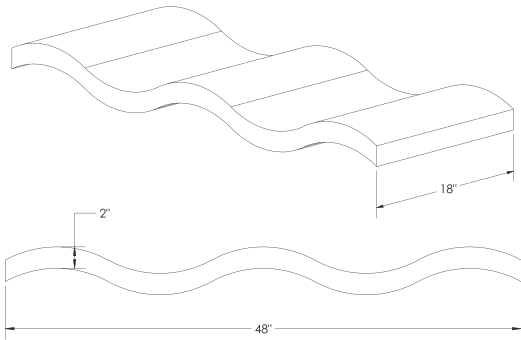
Standard sizes:
12" x 96", 18" x 96"
[* 'custom' sizes available]

Quick Ship colors:
'natural' (an off-white),
White, Black, Dark Grey, Red

Custom colors:
PCC (Pantone Custom Colored)

Installation:
Hang from ceiling or substrate
using cable/wire

Double "S":



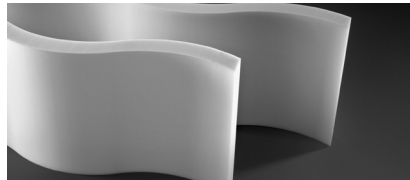
Standard thicknesses:
2", 3"

Standard sizes:
12" x 48", 18" x 48"
[* 'custom' sizes available]

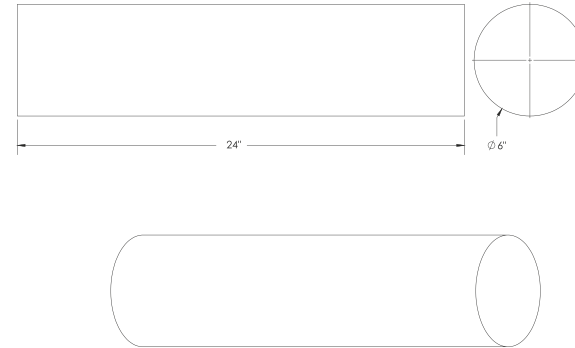
Quick Ship colors:
'natural' (an off-white),
White, Black, Dark Grey, Red

Custom colors:
PCC (Pantone Custom Colored)

Installation:
Hang from ceiling or substrate
using cable/wire



Cylindrical:



Standard thicknesses:
6" diameter

Standard sizes:
6"x2', 6"x3', 6"x4', 6"x5', 6"x6'
[* 'custom' sizes available]

Quick Ship colors:
'natural' (an off-white),
White, Black, Dark Grey, Red

Custom colors:
PCC (Pantone Custom Colored)

Installation:
Hang from ceiling or substrate
using cable/wire

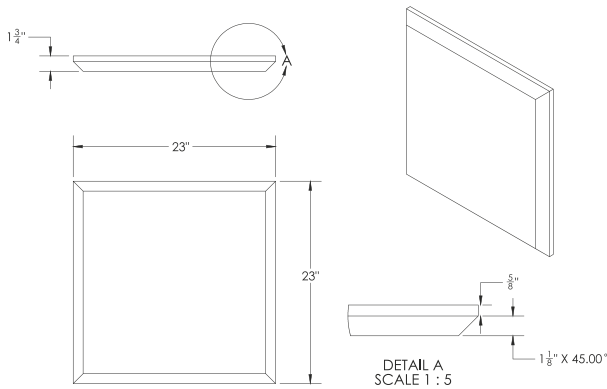


Ceiling Tiles

The Décor Acoustics CEILING TILES are designed specifically for standard ceiling applications and come in two main types: Grid tiles (designed to be placed within an existing drop-ceiling 'grid' framework) and Stick-on tiles (designed to be installed as stand-alone tiles on the ceiling, with the added options on being installed with either set spacing or adjacent to one another without spacing). Both options, Grid and Stick-on, also come in either a straight/square edge or beveled edge versions. Whether you choose to supplement your design using one of our standard 'quick-ship' colors, or opt for our PCC ('pantone-custom-coloring'), it is your design to make.

Stick-on Tiles :

(Beveled shown)



Standard size:
2" x 23" x 23"

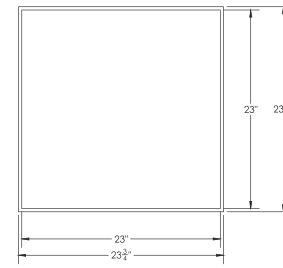
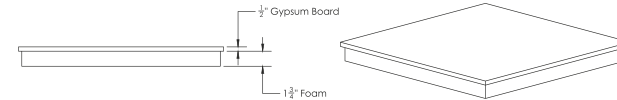
Quick Ship colors:
'natural' (an off-white),
White, Black, Dark Grey, Red

Custom colors:
PCC (Pantone Custom Colored)

Installation:
Contact Cement

Grid Tiles:

(Square-edge / Beveled)

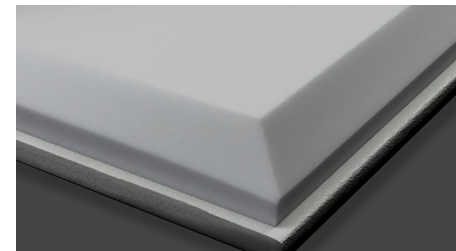
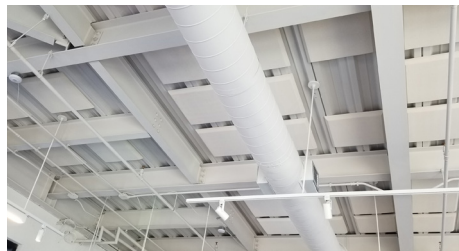
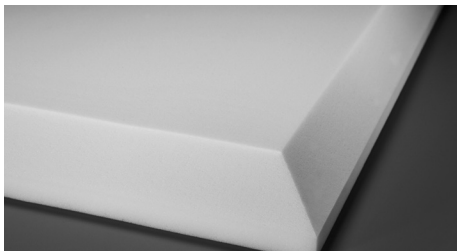
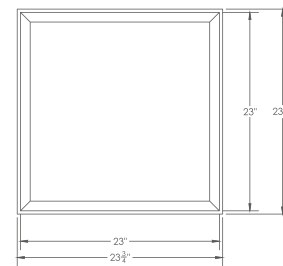
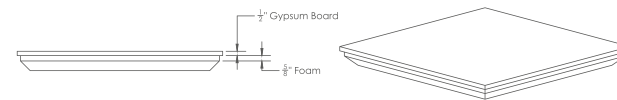


Standard size:
2" x 23-7/8" x 23-7/8"
[* 'custom' sizes available]

Quick Ship colors:
'natural' (an off-white),
White, Black, Dark Grey, Red

Custom colors:
PCC (Pantone Custom Colored)

Installation:
Place into existing grid





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About us:

Sustainable Materials brings cutting edge European design and innovation to the North American market by leveraging our deep manufacturing partnerships in Europe.

Having won numerous 'global' design awards and accolades, Sustainable Materials' products grace the walls and shelves of leading corporations the world over.

From Hospitality, Education and Corporate Office segments, to 'retail' channels and OEM production, our manufacturing capabilities married with our product development skills prove an invaluable asset to our partners.

Please visit our website to view our complete product line, and how we can customize products to meet your needs.