



AALTO
BAFFLE CLOUD

ezoBord 



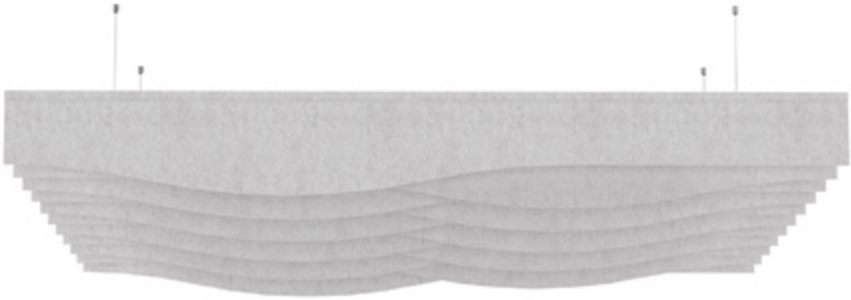
ezoBord Baffle Clouds are a stylish addition to any ceiling, easy to install, and can be customized through the use of wide array of standard ezoBord colors.

A new generation of ceiling baffles - sound dampening, free-hanging and designed for style.

Stylish ezoBord Baffle Clouds are a series of sound absorbing suspended panels that redefine interior open spaces.

The Aalto model helps you to bring a designer look into open offices, restaurants and public spaces, that will help reduce noise and reverberation. Adjustable to various heights and angles, and installed from deck, ceilings, drywall, standard T bar suspension systems.

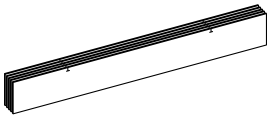
STANDARD SHAPE



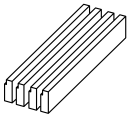
| PART NUMBER | WIDTH | LENGTH | MAX HEIGHT | THICKNESS | BAFFLES |
|-------------------|--------------|--------------|--------------|-----------|---------|
| bfc-aal-4747-0709 | 47" (1192mm) | 47" (1192mm) | 7¾" (197mm) | ⅜" (9mm) | 7 |
| bfc-aal-4747-1109 | 47" (1192mm) | 47" (1192mm) | 11½" (292mm) | ⅜" (9mm) | 7 |
| bfc-aal-4747-0712 | 47" (1192mm) | 47" (1192mm) | 7¾" (197mm) | ½" (12mm) | 7 |
| bfc-aal-4747-1112 | 47" (1192mm) | 47" (1192mm) | 11½" (292mm) | ½" (12mm) | 7 |
| bfc-aal-9595-0709 | 95" (2413mm) | 95" (2413mm) | 7¾" (197mm) | ⅜" (9mm) | 13 |
| bfc-aal-9595-1109 | 95" (2413mm) | 95" (2413mm) | 11½" (292mm) | ⅜" (9mm) | 13 |
| bfc-aal-9595-0712 | 95" (2413mm) | 95" (2413mm) | 7¾" (197mm) | ½" (12mm) | 13 |
| bfc-aal-9595-1112 | 95" (2413mm) | 95" (2413mm) | 11½" (292mm) | ½" (12mm) | 13 |

Please note that all dimensions are nominal, supplier reserves the right to adjust sizing without prior notification.

COMPONENTS



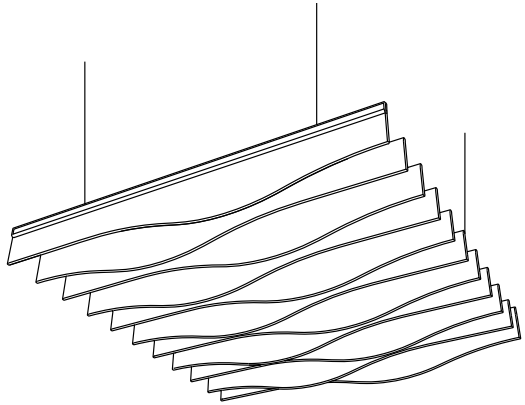
Panels



ezo Spacers



T Bar



RECOMMENDED HARDWARE (NOT INCLUDED)



Brass Locator



Top cap (4M cable included)



Cable gripper



CUSTOMIZABLE PARAMETERS

Geometric Properties

Length, height, width and baffle spacing

Material Thickness

$\frac{3}{8}$ " (9mm) or $\frac{1}{2}$ " (12mm)

Baffle Thickness

$\frac{3}{8}$ " (9mm) or $\frac{1}{2}$ " (12mm)

Color

Each panel can be manufactured with different color

Digital Print

Custom graphics and textures can be printed on panels

Scalability

Larger areas can be covered with invisible joints



SPECIFICATIONS

Shapes

1 standard shape available in two sizes.

Sizes

Available in two widths and lengths:

- 47" (1192mm) × 47" (1192mm)
- 95" (2413mm) × 95" (2413mm)

Available in two maximum heights:

- 7¾" (197mm)
- 11½" (292mm).

Thickness

Available in two thicknesses:

- ⅜" (9mm) | ±0.5mm
- ½" (12mm) | ±0.5mm

Composition

100% PET (min. %50 recycled content)

Product Variances

Variation in fiber mix and colour may occur. All products will be supplied within commercial tolerances.

Cleaning

Remove dust and dirt with a stiff plastic bristle brush. Distilled water can be used to remove stains. Always use a soft, clean cloth and blot dry. Vacuuming works great as well.

Fire Testing

- North America:
 - ASTM E-84 Class A*
 - CAN ULC S102-10
- Europe and UK:
 - EN13501-1: 2007

Installation

All Baffle Clouds are adjustable to various heights and angles and are quick and easy to install from a deck or through a suspended T bar ceiling using the included universal suspension framework. Check with local building code authorities for allowable applications.

Acoustics

Refer to ASTM C423 test chart for specific absorption rates/frequency.

- ⅜" (9mm): NRC 0.75 (subject to mounting conditions and geometrical properties)
- ½" (12mm): NRC 0.85 (subject to mounting conditions and geometrical properties)

USGBC LEED v4 Credits

While individual products do not 'earn' LEED credits, ezoBord can contribute to the following LEED v4 Credits. Please refer to the USGBC LEED credit guides for detailed requirements.

- EQc9 for enhancing acoustic performance
- MRc3 BPDO for sourcing of raw materials for recycled contribution
- EQc6 interior lighting for surface reflectance (lighter color options).

Environment

Made of polyester fiber, min. 50% of which comes from recycled water bottles which contributes to LEED MR Credit and BREEAM Health and Wellbeing, Materials points due to recycled content, acoustic performance, and low emitting materials. No VOC's: CDPH v1.2 and REACH SVHC Compliant.



* Upon request, 1/2"(12mm) sheet material is treated with USA origin post-production flame retardant to Class A surface burning characteristics. Post sheet production FR treatment does not contain any Red List Restricted Chemicals and complies with California Proposition 65. Contact customer service for technical information, test data and safety data sheets for flame retardant.

NOISE REDUCTION - 3/8" (9mm)

Constructed from
3/8" (9mm) ezoBord

SOUND ABSORPTION COEFFICIENTS (ASTM C423-17)

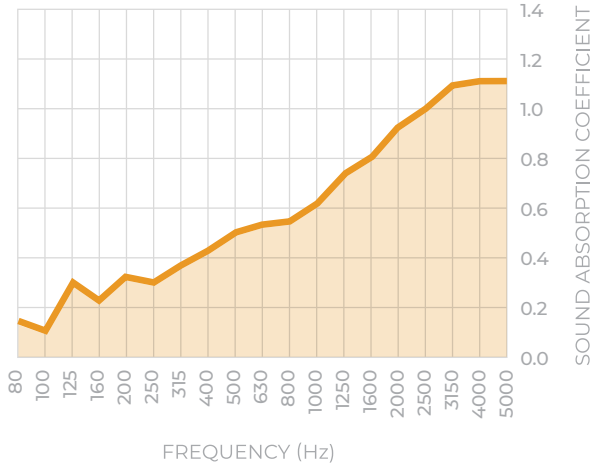
| NRC | SAA | 125 | 250 | 500 | 1000 | 2000 | 4000 |
|------|------|------|------|------|------|------|------|
| 0.60 | 0.59 | 0.21 | 0.33 | 0.49 | 0.63 | 0.91 | 1.10 |

Baffle Spacing

10 5/8" (269.88mm)

Baffle Height

12 1/8" (307.97mm)



NOISE REDUCTION - 1/2" (12mm)

Constructed from
1/2" (12mm) ezoBord

SOUND ABSORPTION COEFFICIENTS (ASTM C423-17)

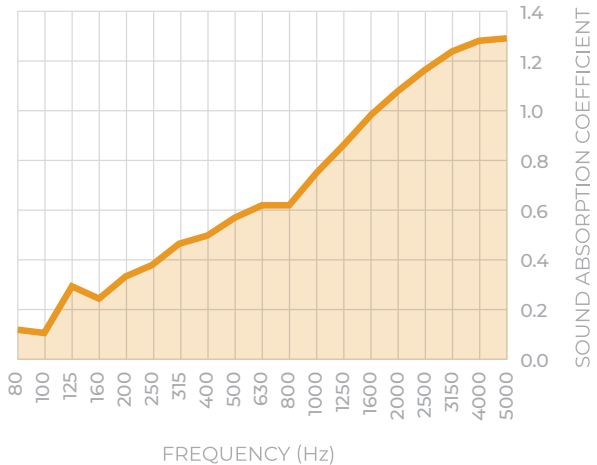
| NRC | SAA | 125 | 250 | 500 | 1000 | 2000 | 4000 |
|------|------|------|------|------|------|------|------|
| 0.70 | 0.70 | 0.22 | 0.40 | 0.56 | 0.74 | 1.08 | 1.27 |

Baffle Spacing

10 1/2" (266.7mm)

Baffle Height

12" (304.8mm)



STANDARD COLORS - 3/8" (9mm)



PB09
PURE BLACK



CG06
CHARCOAL GRAY



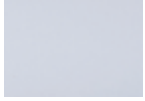
ES07
EBONY SLATE



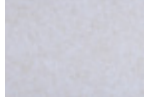
DG34
DARK GRAY



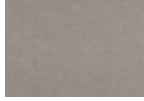
SG04
SILVER GRAY



CW04
CLASSIC WHITE



LB01
LIGHT BEIGE



DS10
DESERT SAND



SD18
SUNNY DAYS



TO24
TIGER ORANGE



RR28
RUBY RED



DP30
DEEP PURPLE



MN12
MIDNIGHT NAVY



PI14
POLAR ICE



GA41
GREEN APPLE

STANDARD COLORS - 1/2" (12mm)



PB09
PURE BLACK



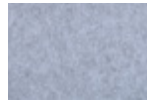
CG06
CHARCOAL GRAY



BG07
BOLD GRAY



EG11
ELEPHANT GRAY



SG04
SILVER GRAY



CW04
CLASSIC WHITE



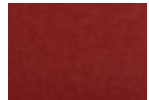
DS10
DESERT SAND



TB35
TREE BARK



SD18
SUNNY DAYS



BR34
BRICK RED



GV36
GRAPE VINE



RB08
ROYAL BLUE



PI14
POLAR ICE



OB14
OCEAN BLUE




MG10
MOSS GREEN



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ezoBord is a registered trademark of iVekter Inc.

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