



CURV

CEILING BAFFLES

ezoBord



ezoBord's Curv baffle system is highly efficient acoustically and adds design and color to any open ceiling environment. The Curv ceiling baffle system represents the perfect balance of form, function and cost effectiveness.

A new generation surface material that both absorbs noise and is fully customizable.

ezoBord Curv Baffles are easy to suspend from the ceiling and are ideal for open plan offices or a wide variety of public spaces - including gymnasiums, arenas, concert halls and indoor swimming areas. Available in double and triple layer offerings allows for multiple colors and 3 dimensional design options to add color, texture and sound absorption to your ceilings.

Made with recycled plastic water bottles.

STANDARD SHAPES



Filleted Rectangle

PART NUMBER	LENGTH	HEIGHT	THICKNESS
bfb-re2-7212	72" (1829mm)	12" (305mm)	3/4" (18mm)
bfb-re3-7212	72" (1829mm)	12" (305mm)	1 1/8" (27mm)
bfb-re2-7216	72" (1829mm)	16" (406mm)	3/4" (18mm)
bfb-re3-7216	72" (1829mm)	16" (406mm)	1 1/8" (27mm)
bfb-re2-8412	84" (2134mm)	12" (305mm)	3/4" (18mm)
bfb-re3-8412	84" (2134mm)	12" (305mm)	1 1/8" (27mm)
bfb-re2-8416	84" (2134mm)	16" (406mm)	3/4" (18mm)
bfb-re3-8416	84" (2134mm)	16" (406mm)	1 1/8" (27mm)
bfb-re2-9612	96" (2438mm)	12" (305mm)	3/4" (18mm)
bfb-re3-9612	96" (2438mm)	12" (305mm)	1 1/8" (27mm)
bfb-re2-9616	96" (2438mm)	16" (406mm)	3/4" (18mm)
bfb-re3-9616	96" (2438mm)	16" (406mm)	1 1/8" (27mm)
bfb-re4-7212	72" (1829mm)	12" (305mm)	1/2" (12mm)
bfb-re4-7216	72" (1829mm)	16" (406mm)	1/2" (12mm)
bfb-re4-8412	84" (2134mm)	12" (305mm)	1/2" (12mm)
bfb-re4-8416	84" (2134mm)	16" (406mm)	1/2" (12mm)
bfb-re4-9612	96" (2438mm)	12" (305mm)	1/2" (12mm)
bfb-re4-9616	96" (2438mm)	16" (406mm)	1/2" (12mm)

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

STANDARD SHAPES



Wave

PART NUMBER	LENGTH	HEIGHT	THICKNESS
bfb-wa2-7212	72" (1829mm)	12" (305mm)	¾" (18mm)
bfb-wa3-7212	72" (1829mm)	12" (305mm)	1 ½" (27mm)
bfb-wa2-7216	72" (1829mm)	16" (406mm)	¾" (18mm)
bfb-wa3-7216	72" (1829mm)	16" (406mm)	1 ½" (27mm)
bfb-wa2-8412	84" (2134mm)	12" (305mm)	¾" (18mm)
bfb-wa3-8412	84" (2134mm)	12" (305mm)	1 ½" (27mm)
bfb-wa2-8416	84" (2134mm)	16" (406mm)	¾" (18mm)
bfb-wa3-8416	84" (2134mm)	16" (406mm)	1 ½" (27mm)
bfb-wa2-9612	96" (2438mm)	12" (305mm)	¾" (18mm)
bfb-wa3-9612	96" (2438mm)	12" (305mm)	1 ½" (27mm)
bfb-wa2-9616	96" (2438mm)	16" (406mm)	¾" (18mm)
bfb-wa3-9616	96" (2438mm)	16" (406mm)	1 ½" (27mm)

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

STANDARD SHAPES



Perforated Circles

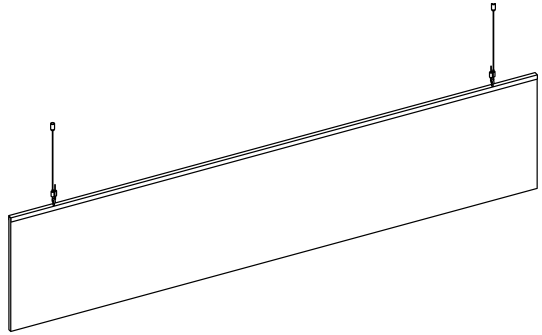
PART NUMBER	LENGTH	HEIGHT	THICKNESS
bfb-pc2-7212	72" (1829mm)	12" (305mm)	3/4" (18mm)
bfb-pc3-7216	72" (1829mm)	16" (406mm)	3/4" (18mm)
bfb-pc2-8412	84" (2134mm)	12" (305mm)	3/4" (18mm)
bfb-pc3-8416	84" (2134mm)	16" (406mm)	3/4" (18mm)
bfb-pc2-9612	96" (2438mm)	12" (305mm)	3/4" (18mm)
bfb-pc3-9616	96" (2438mm)	16" (406mm)	3/4" (18mm)
bfb-pc4-7212	72" (1829mm)	12" (305mm)	1/2" (12mm)
bfb-pc4-7216	72" (1829mm)	16" (406mm)	1/2" (12mm)
bfb-pc4-8412	84" (2134mm)	12" (305mm)	1/2" (12mm)
bfb-pc4-8416	84" (2134mm)	16" (406mm)	1/2" (12mm)
bfb-pc4-9612	96" (2438mm)	12" (305mm)	1/2" (12mm)
bfb-pc4-9616	96" (2438mm)	16" (406mm)	1/2" (12mm)

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

COMPONENTS



Baffle with C-Channel



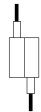
RECOMMENDED HARDWARE (NOT INCLUDED)



Eye Hook
EY001



Upper Suspension Housing
CF6-01



Cable gripper
CG-7250



Designed by Innovative Office Solutions & cmdnd-M. Photographed by Innovative Office Solutions.

CUSTOMIZABLE PARAMETERS

Geometric Properties

Length, width and layer quantity

Material Thickness

$\frac{3}{8}$ " (9mm) or $\frac{1}{2}$ " (12mm) sheets can be layered to form a specific thickness

Baffle Thickness

$\frac{1}{2}$ " (12mm), $\frac{3}{4}$ " (18mm), 1 $\frac{1}{8}$ " (27mm)

Color

Each layer can be manufactured with different color

Cut

Custom cut shapes are available

Corners

Square or round corners are available

Digital Print

Custom graphics and textures can be printed on panels

Scalability

Larger areas can be covered with invisible joints



Customized by Momentum Cardiff. Photographed by Rebecca Noakes Photography.

SPECIFICATIONS

Shapes

4 standard shapes. Custom also available.

Sizes

Available in three lengths:

- 72" (1829mm)
- 84" (2134mm)
- 96" (2438mm)

Available in two heights:

- 12" (305mm)
- 16" (406mm)

Thickness

Available in three thicknesses:

- 1/2" (12mm) | ±0.5mm
- 3/4" (18mm) | ±0.5mm
- 1 1/8" (27mm) | ±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 Curv baffles 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.

- 3/8" (9mm): NRC 0.75 (subject to mounting conditions and geometrical properties)
- 1/2" (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)

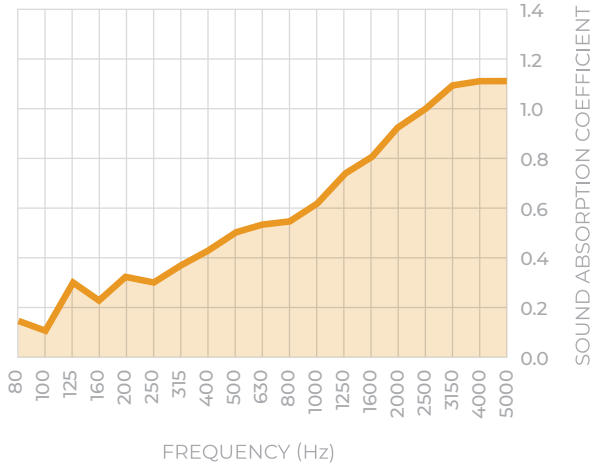
NRC	SAA	125	250	500	1000	2000	4000
0.60	0.59	0.21	0.33	0.49	0.63	0.91	1.10

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)

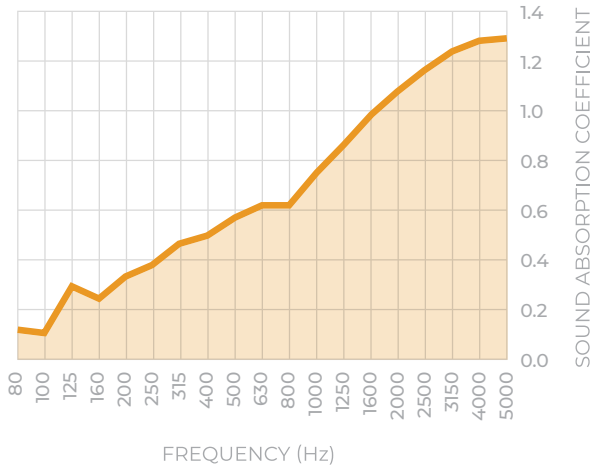
NRC	SAA	125	250	500	1000	2000	4000
0.70	0.70	0.22	0.40	0.56	0.74	1.08	1.27

Baffle Spacing

10 1/2" (266.7mm)

Baffle Height

12" (304.8mm)



STANDARD COLORS - 3/8" (9mm)



PB09
PURE BLACK



CG06
CHARCOAL GRAY



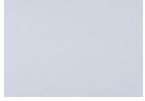
ES07
EBONY SLATE



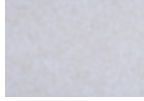
DG34
DARK GRAY



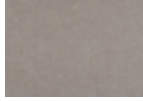
SG04
SILVER GRAY



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



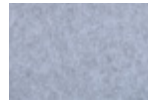
CG06
CHARCOAL GRAY



BG07
BOLD GRAY



EG11
ELEPHANT GRAY



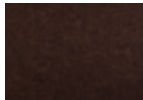
SG04
SILVER GRAY



CW04
CLASSIC WHITE



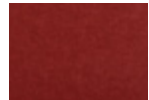
DS10
DESERT SAND



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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