



GEO CLOUD

ezoBord 



ezoBord Geo Clouds provide an elegant addition to any open area, and can be customized through the use of different geometric shapes and a wide array of standard colors.

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

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

Geo Clouds are available in a wide variety of colors, profiles and shapes with custom shapes and prints also available to fully customize to your installation. Geo Clouds are adjustable to various heights and angles and can be installed from deck, ceilings, drywall, standard T bar suspension systems or mounted to walls.

Made with recycled plastic water bottles.

STANDARD SHAPES



Circle



Square



Diamond

| PART NUMBER | LENGTH | WIDTH | HEIGHT |
|----------------|--------------|--------------|-----------|
| Circle | | | |
| cld-cir-3131 | 30" (762mm) | 30" (762mm) | 2" (51mm) |
| cld-cir-4141 | 41" (1041mm) | 41" (1041mm) | 2" (51mm) |
| Square | | | |
| cld-sqr-3131 | 31" (787mm) | 31" (787mm) | 2" (51mm) |
| cld-sqr-4141 | 41" (1041mm) | 41" (1041mm) | 2" (51mm) |
| Diamond | | | |
| cld-dia-3131 | 13½" (343mm) | 31" (787mm) | 2" (51mm) |
| cld-dia-4141 | 20½" (521mm) | 41" (1041mm) | 2" (51mm) |

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

STANDARD SHAPES



Hexagon



Triangle

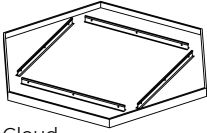


Trapezoid

| PART NUMBER | LENGTH | WIDTH | HEIGHT |
|------------------|--------------|--------------|-----------|
| Hexagon | | | |
| cld-hex-3131 | 27" (659mm) | 31" (787mm) | 2" (51mm) |
| cld-hex-4141 | 36" (914mm) | 41" (1041mm) | 2" (51mm) |
| Triangle | | | |
| cld-tri-3131 | 26" (660mm) | 31" (787mm) | 2" (51mm) |
| cld-tri-4141 | 35½" (902mm) | 41" (1041mm) | 2" (51mm) |
| Trapezoid | | | |
| cld-tra-3131 | 12" (305mm) | 31" (787mm) | 2" (51mm) |
| cld-tra-4141 | 15½" (394mm) | 41" (1041mm) | 2" (51mm) |

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

COMPONENTS (SQUARE, DIAMOND, HEXAGON, TRIANGLE & TRAPEZOID CLOUDS)



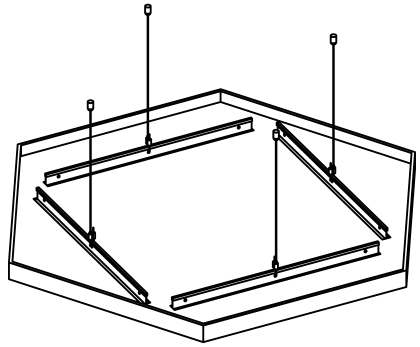
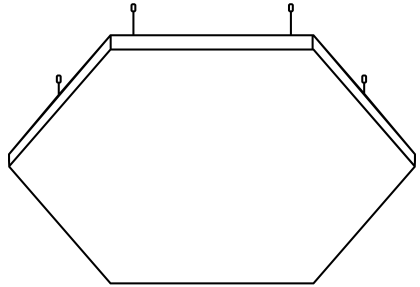
Cloud



Wire
WR116



Cable Grippers
CG-7250

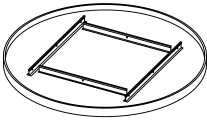


RECOMMENDED HARDWARE (NOT INCLUDED)

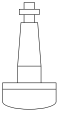


Upper Wire Suspension
CF6-01

COMPONENTS (CIRCLE CLOUDS)



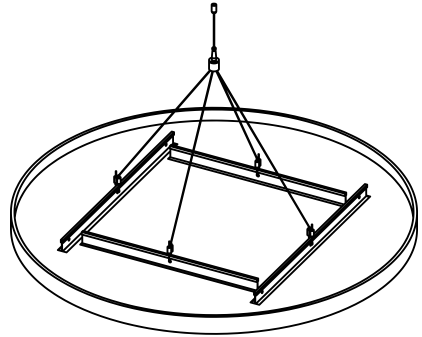
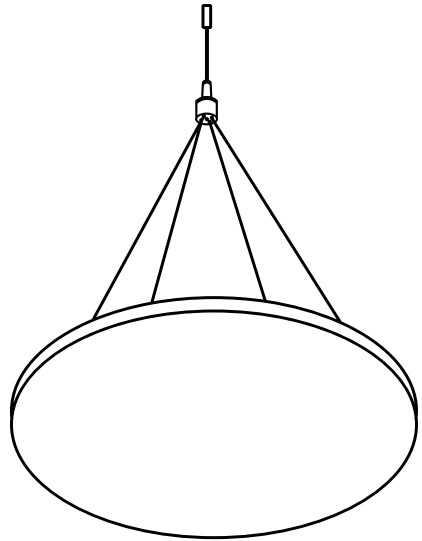
Cloud



Four Way Coupler
GR-1/4-20



Cable Grippers
CG-7250



RECOMMENDED HARDWARE (NOT INCLUDED)



Upper Suspension Housing
CF6-01



Café space supplied by Momentum Cardiff. Photographed by Rebecca Noakes Photography.

CUSTOMIZABLE PARAMETERS

Geometric Properties

Length, height, width and shape

Material Thickness

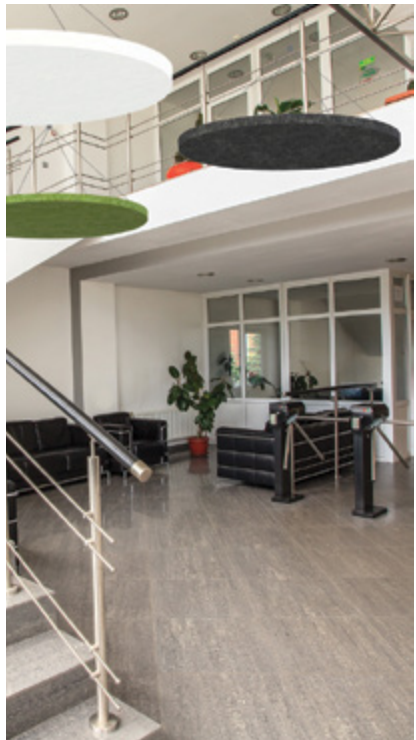
$\frac{3}{8}$ " (9mm) or $\frac{1}{2}$ " (12mm)

Color

Clouds can be manufactured in 15 colors for 2 different thicknesses

Digital Print

Custom graphics and textures can be printed on clouds



SPECIFICATIONS

Shapes

6 standard shapes available in 2 sizes.

Sizes

Available in two standard sizes:

- 31" (787mm) × 31" (787mm) maximum
- 41" (1041mm) × (1041mm) maximum

Height

Available in one maximum height:

- 2" (51mm)

Thickness

Available in two thicknesses:

- 3/8" (9mm) | ±0.5mm
- 1/2" (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

Designed to be quick and easy to install from a deck or through a suspended T bar ceiling, Geo Clouds can be adjusted to various heights and angles. Try combining with Geo Tiles for continuity from ceilings to walls. 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.

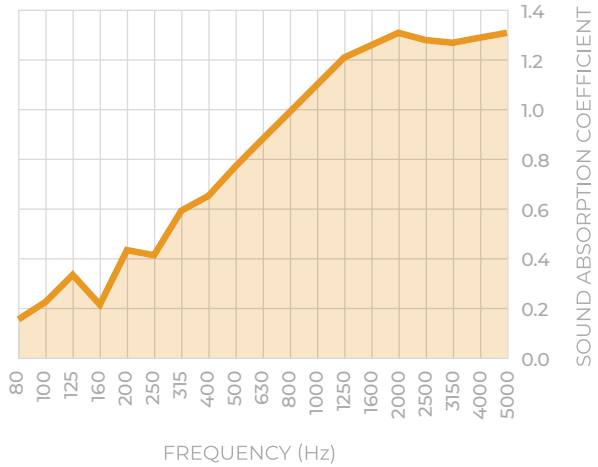
NOISE REDUCTION - 3/8" (9mm)

Constructed from
3/8" (9mm) ezoBord

Back Construction
Closedback

SOUND ABSORPTION COEFFICIENTS (ASTM C423-17)

| NRC | SAA | 125 | 250 | 500 | 1000 | 2000 | 4000 |
|------|------|------|------|------|------|------|------|
| 0.90 | 0.91 | 0.25 | 0.48 | 0.77 | 1.10 | 1.28 | 1.29 |



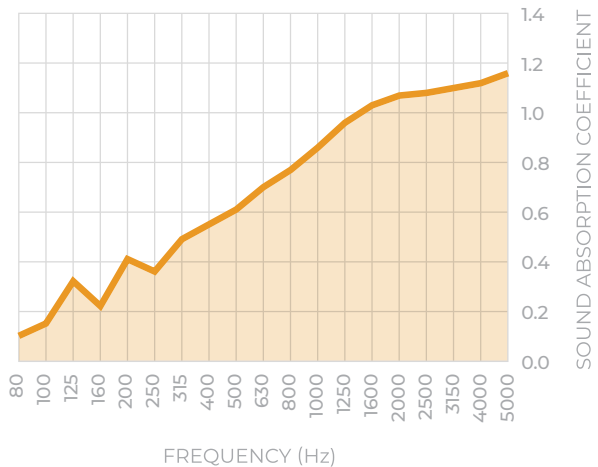
NOISE REDUCTION - 1/2" (12mm)

Constructed from
1/2" (12mm) ezoBord

Back Construction
Openback

SOUND ABSORPTION COEFFICIENTS (ASTM C423-17)

| NRC | SAA | 125 | 250 | 500 | 1000 | 2000 | 4000 |
|------|------|------|------|------|------|------|------|
| 0.75 | 0.74 | 0.23 | 0.42 | 0.62 | 0.86 | 1.06 | 1.13 |



STANDARD COLORS - 3/8" (9mm)



PB09
PURE BLACK



CG06
CHARCOAL GRAY



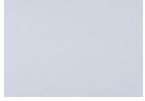
ES07
EBONY SLATE



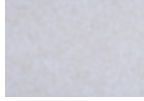
DG34
DARK GRAY



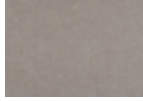
SG04
SILVER GRAY



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



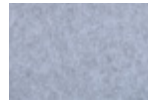
CG06
CHARCOAL GRAY



BG07
BOLD GRAY



EG11
ELEPHANT GRAY



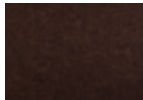
SG04
SILVER GRAY



CW04
CLASSIC WHITE



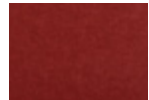
DS10
DESERT SAND



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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