

ezoBord™

Design Driven Acoustics
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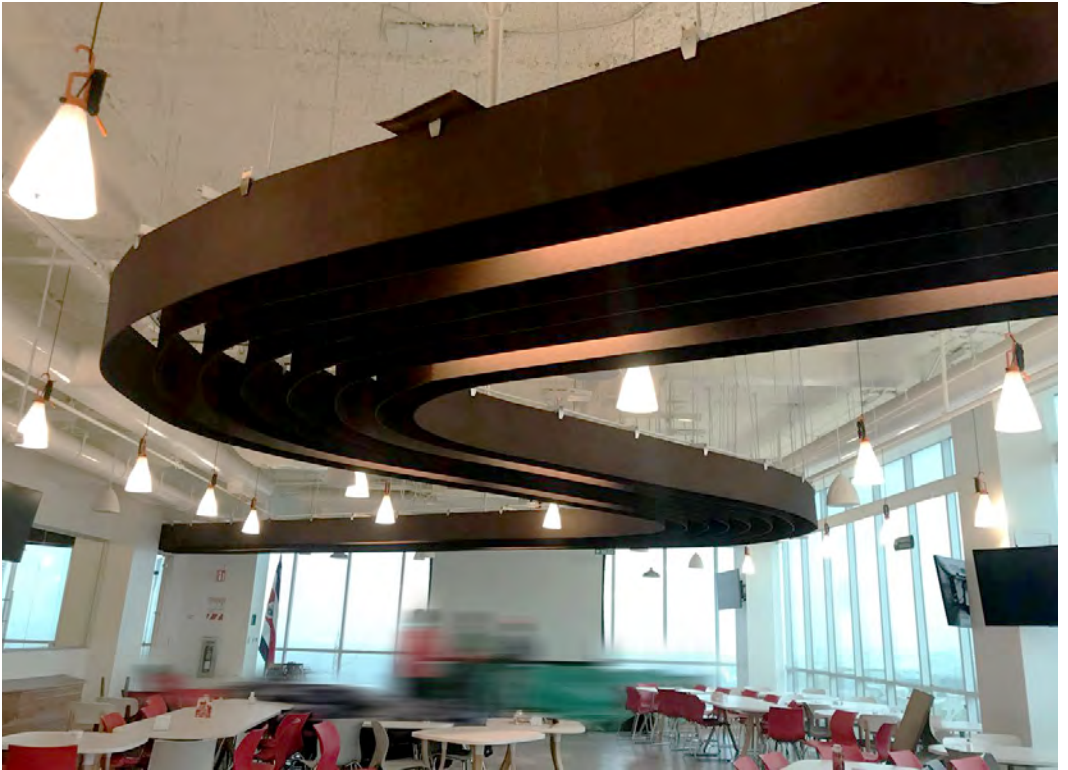
Design Driven Acoustics

INDUSTRY SPECIFIC SOLUTIONS

Interior design trends play a large roll in various factors surrounding indoor environmental quality but are often missing factors regarding acoustics. Current design trends combine a crisp, clean aesthetic with a natural or biophilic one. Polished stone, vast exterior views, and high, open ceilings allow occupants to feel less disconnected, from nature though none offer acoustical absorption and leave users struggling with excessive noise.

In hospitality, speech intelligibility plays a large role in ensuring guests enjoy their experience and become repeat customers. Staff wellness can be affected by the acoustics as well as many servers and bartenders suffer hearing loss over time from the high level of noise within establishments. In institutional spaces such as schools, when noise levels rise, speech intelligibility is lost. This could be as insignificant as not hearing a teammate speak in a gymnasium, though oftentimes this is to blame for a drop in performance among students who cannot hear their professor clearly. The modern office worker might suffer most of all. Based on recent studies, the shift towards open offices is leaving workers burnt out and unproductive. Employers don't get results they hope for and studies are proving those working within these spaces are incurring significant health problems, both mental and physical.

Acoustic solutions range in efficiency depending on the problem needing to be solved. Many sound 'blocking' methods require extensive retrofitting or planning and significant up front costs during initial construction. Most scenarios do not require blocking noise between spaces as much as they require reduction in the reverberating noise or "echo." ezoBord absorbs sound energy and helps to eliminate the pandemonium of a busy space. Speech clarity is increased without unintended sounds, focus is restored, and occupants feel more at ease within the space.



Custom Baffles/HDM AFD San Jose Costa Rica



Custom Clouds/Shopify Ottawa/Linebox Studio/Krista Jahnke Photography



Custom Net/Vigilant Global/Montreal, QC/Provencher Roy/Alexi Hobbs



Custom Grid Canopy



Ceiling Baffles/Bath University UK/Momentum Cardiff/Rebecca Noakes Photography



Custom Net/Vigilant Global/Montreal, QC/Provencher Roy/Alexi Hobbs



Custom ezoBord Installation/Innovative OS/Minneapolis



Custom ezoPrint/Inside Source/New York, NY



Ezo on Ezo String



Custom Acoustical Net/Chicago IL/Kasia Vetter Photography



Ceiling Baffles Circle



Grid Canopy Tapered



Ceiling Baffles Filled



Ezo on Ezo Pixelated Circles



Ceiling Baffles Rectangle/Knotel/New York City/OD Office Plus Farm



Custom Clad Ceiling/Columbia University/LTL Architects/Michael Moran



Ceiling Baffles Rectangle/NYU Dentistry Center/New York/Mike Van Tassell Photography



Custom ezoBord Installation/Innovative OS/Minneapolis



Baffle Cloud Luna Square



ezoPrint, Ceiling Baffles, Custom Glass Application/Vertical Interiors Showroom/Kitchener, ON/David Briggs Photography



Ceiling Baffles Rectangle/Endy Office/Toronto, ON/Harrison Fae Design/Gabby Frank Photography



Ezo on Ezo Mediterranean



Baffle Cloud Rectangle/LWG Showroom/Ottawa, ON/Kevin Belanger Photography



Custom Wall Application/Shopify/Linebox Studio/Simon Tanenbaum Photography



Work Zone Divider Custom/LWG Showroom/Ottawa, ON/Kevin Belanger Photography



Grid Canopy Tapered/Vancouver, BC/Omicron AEC/Upper Left Photography



Custom Baffle Installation/Top Hat/Toronto, ON/Ray Inc/Vincent Lions Photography



Baffle Cloud Rectangle/LWG Showroom/Ottawa, ON/Kevin Belanger Photography



Custom Net/Heritage Office Furnishings/Vancouver, BC/Upper Left Photography



Custom ezo on ezo/Shopify/Linebox Studio/Simon Tanenbaum Photography



Ceiling Baffles Rectangle/Wolle Realty/Elemental ID/David Briggs Photography



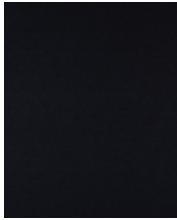
Grid Canopy Tapered/Endy Office/Toronto, ON/Harrison Fae Design/Gabby Frank Photography



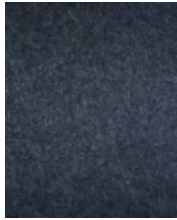
Grid Canopy Tapered/Omicron AEC/Vancouver, BC/Upper Left Photography



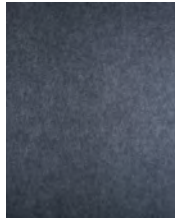
Custom V Notch Sheets/Shopify/Linebox Studio/Simon Tanenbaum Photography



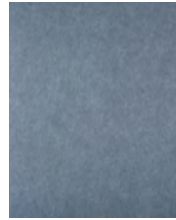
Pure Black



Charcoal Grey



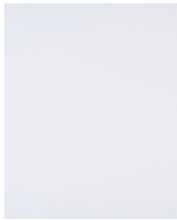
Ebony Slate



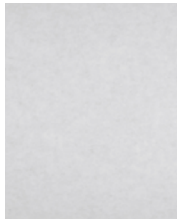
Dark Grey



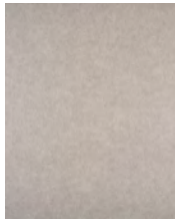
Silver Grey



Classic White



Light Beige



Desert Sand



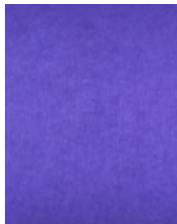
Sunny Days



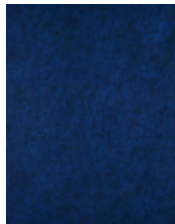
Tiger Orange



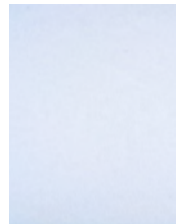
Ruby Red



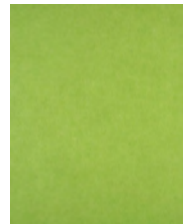
Deep Purple



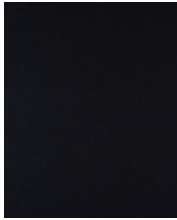
Midnight Navy



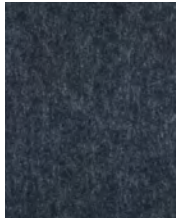
Polar Ice



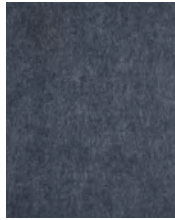
Green Apple



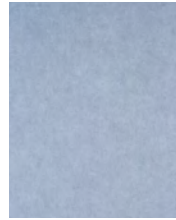
Pure Black



Charcoal Grey



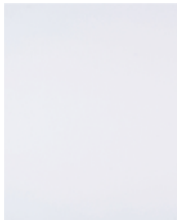
Bold Grey



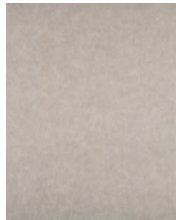
Elephant Grey



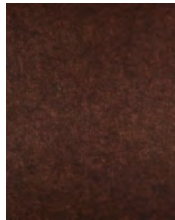
Silver Grey



Classic White



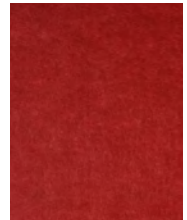
Desert Sand



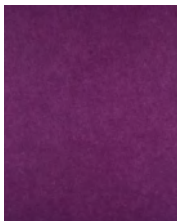
Tree Bark



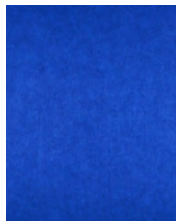
Sunny Days



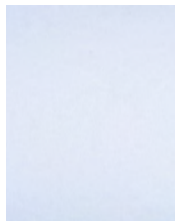
Brick Red



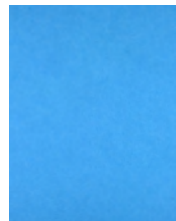
Grape Vine



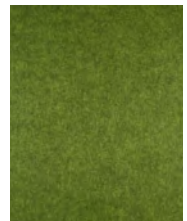
Royal Blue



Polar Ice



Ocean Blue



Moss Green

12 mm Colours

Colours

30 standard colour offerings between 2 thicknesses.
Custom prints also available.

Composition

100% Polyester (approx. 50% recycled PET fibre).

Thickness

3/8" (9mm), 1/2" (12mm)

Weight

Approx 5.5lbs for 3/8" (9mm) sheet, 14.5lbs for
1/2" (12mm) sheet.

Stiffness

70 (Shore Durometer).

Dimensions

9mm raw material is 48" (1219mm) x 9.5 5/8"
(2420mm). 12mm raw material is
48" (1219mm) x 10 7/8" (2733mm).

Fire Testing

ASTM E-84 Class A / CAN ULC S102.

Environment

Made with recycled polyester fibre, approx. 50% of which comes
from recycled water bottles which contributes to LEED MR
credit of Recycled content. No VOC's.

Acoustics

Refer to ASTM C423 test data for specific 3/8" (9mm)
absorption rates/frequency. ASTM C423/D: NRC = 0.75
ASTM C423/A: NRC = 0.30.

Refer to ASTM C423 test data for specific 1/2" (12mm)
absorption rates/frequency. ASTM C423/D: NRC = 0.85
ASTM C423/A: NRC = 0.40
(subject to mounting conditions).

Applications

Wall and ceiling features, visual and acoustical privacy
barriers, ceiling canopies, and other custom applications.

Product Variances

Dye lot variation may occur. All products will
be supplied within commercial tolerances.

General

Tackable, impact resistant, bacteria resistant, moisture resistant,
installation friendly.

