

The Art of Sound



A brand of



www.mmtacoustix.com



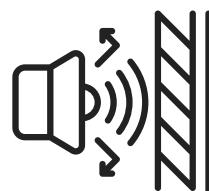
TM **C**

Echsorbix luxury felt acoustic panels elevate both the visual and acoustic quality of any space, blending high-end aesthetic appeal with superior sound absorption capabilities. Crafted from premium felt, these panels not only dampen noise and reduce echoes but also add a touch of refined elegance, making them a perfect choice for those seeking to enhance their environment with both style and functionality.

We aspire to set a new standard for premium interiors worldwide with our rich, soft architectural acoustic products, significantly elevating the ambiance and experience for every inhabitant. Anchored in our profound expertise in acoustic technology, superior design, and sustainable production, our commitment is to enhance the class and quality of indoor environments. We pledge to deliver pioneering, environmentally friendly solutions that masterfully blend superior functionality with luxurious elegance, transforming spaces into pinnacle examples of tranquility and sophisticated style.

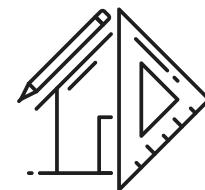
C C E

Echsorbix acoustic panels enhance room acoustics by absorbing noise and reducing echoes, all while offering a vibrant array of colors. This combination allows for both acoustic optimization and aesthetic customization, seamlessly integrating with any design scheme to elevate the ambiance of your space.



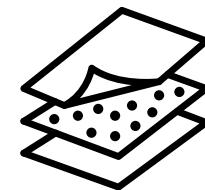
SOUND ABSORPTION

Echsorbix panels significantly enhance room acoustics by efficiently absorbing ambient noise, thanks to their high sound absorption quality. This effective noise control creates a more focused and pleasant auditory environment in any space.



LUXURY AESTHETICS

Echsorbix panels transform any mundane space into a haven of luxury, seamlessly blending high-end aesthetics with exceptional acoustic functionality to elevate both the visual and auditory experience.



ANY SURFACE MOUNTING

Echsorbix panels mount effortlessly on any surface using SR adhesive and nails, allowing carpenters to easily install them and ensure a seamless integration into any space.

Echsorbix panels are crafted to adhere to the highest safety standards, offering a dependable and long-lasting installation solution. Each panel is engineered to ensure a secure environment, making them ideal for spaces that demand both functionality and safety.



FIRE RATED



WATER RESISTANT



ANTI MICROBIAL



ODOURLESS



VOC FREE

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Rigorous testing and certification process guarantees that they meet global safety benchmarks, providing peace of mind and enhancing any setting.

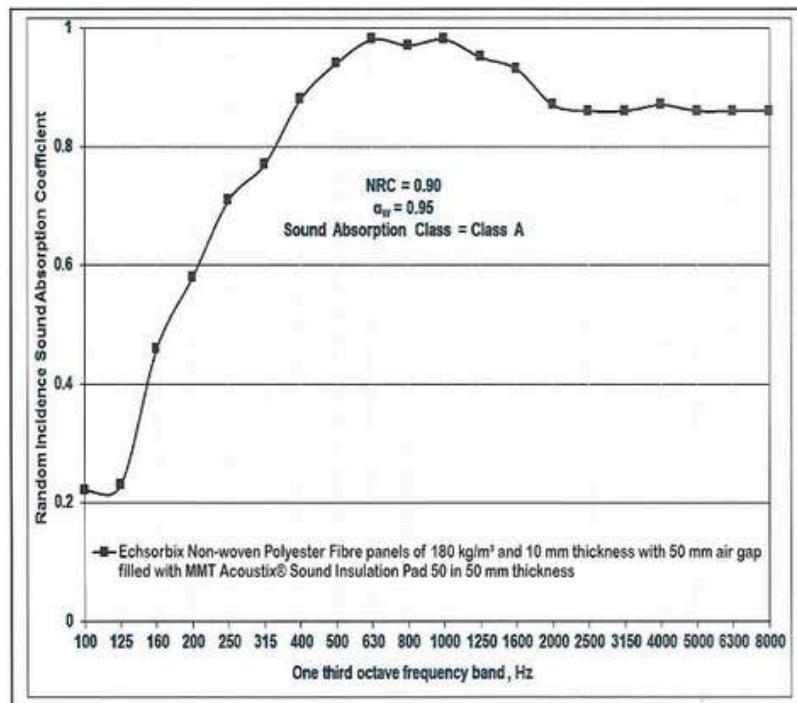


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Class A noise reduction as per ASTM 423 and ISO354, tested by ARAI, confirms Echsorbix's top-tier performance. Focusing on luxury interiors, Echsorbix enhances acoustics without compromising on quality or style, ensuring every detail contributes to a premium environment.

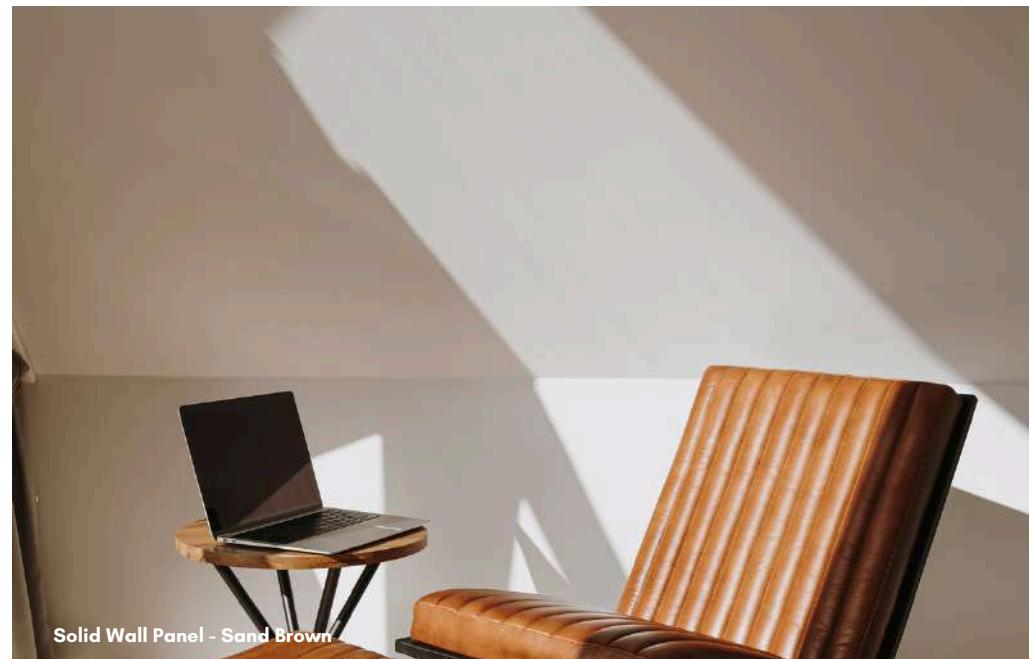
Table 1 and Figure 2: Values and Plot for Random incidence sound absorption coefficient of Echsorbix Non-woven Polyester Fibre panels of 180 kg/m^3 density and 10 mm thickness with 50 mm air gap filled with MMT Acoustix® Sound Insulation Pad 50 in 50 mm thickness at one third octave frequencies

One third octave frequency, Hz	Random Incidence Sound Absorption Coefficient	Standard Deviation
100	0.22	0.02
125	0.23	0.04
160	0.46	0.04
200	0.58	0.04
250	0.71	0.02
315	0.77	0.03
400	0.88	0.03
500	0.94	0.04
630	0.98	0.03
800	0.97	0.03
1000	0.98	0.01
1250	0.95	0.01
1600	0.93	0.02
2000	0.87	0.01
2500	0.86	0.01
3150	0.86	0.00
4000	0.87	0.01
5000	0.86	0.01
6300	0.86	0.02
8000	0.86	0.03



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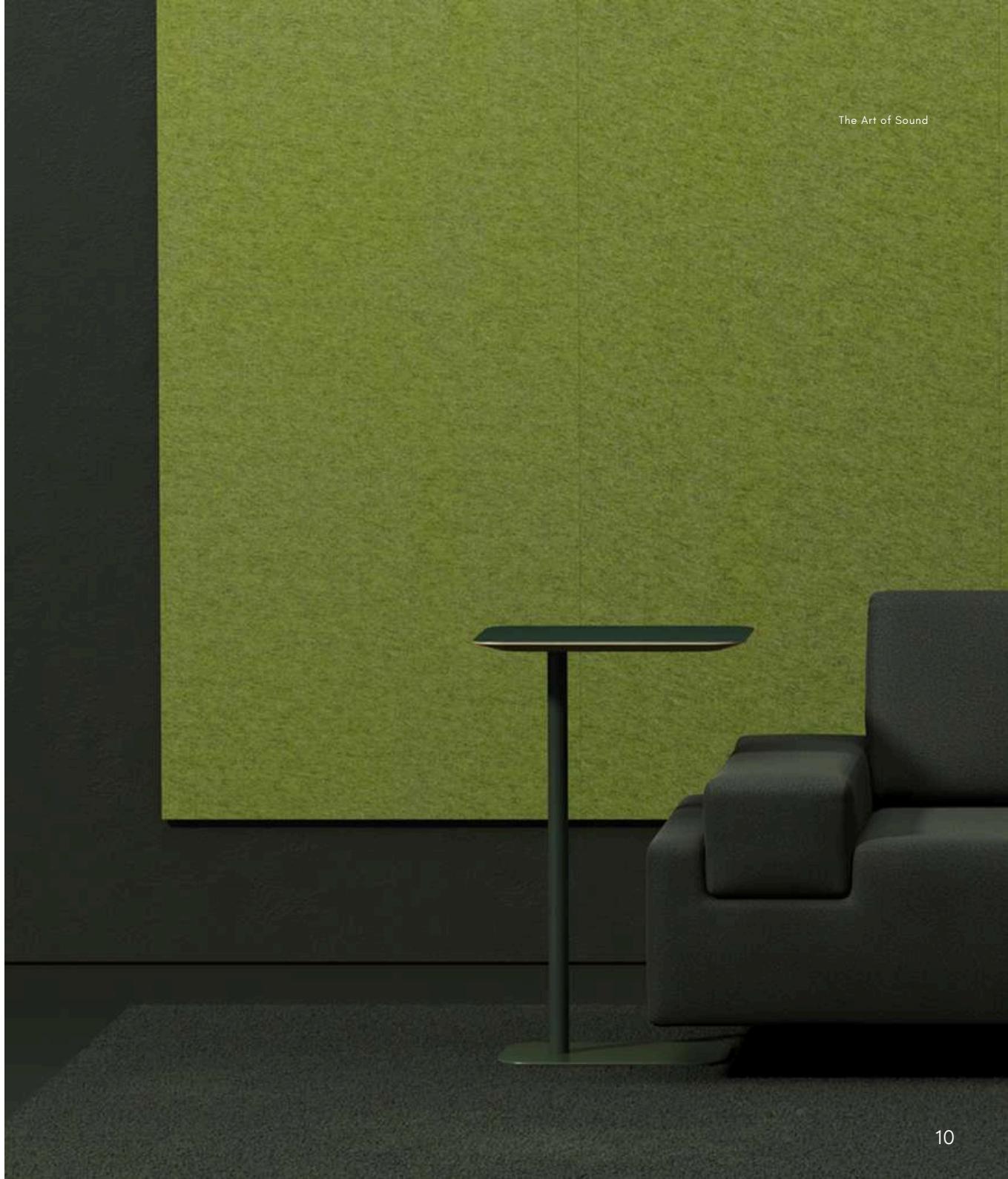




ColourMute™ Solid Acoustic Wall Panels by Echsorbix, made with selective polyester fiber, offer luxurious aesthetics and superior sound control. Available in a rich color palette, for any upscale setting, ensuring sophistication.

TM

- Available in all ColourMute™ colours (see page 38)
- Custom sizing available
- Thickness + Dimensions
09mm - 1220 x 2440mm
12mm - 1220 x 2440mm
- NRC - 0.45 - 0.70 (ASTM C423)
- Fire Rating - Class A (ASTM E84)



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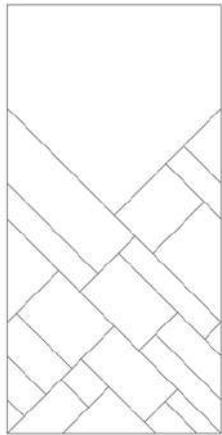


ColourMute™ Mirage Acoustic Panels feature precision-carved beveled grooves, forming directional linework that enhances both aesthetics and acoustics. These panels blend sophisticated design with functional excellence, ideal for elevating any upscale interior.

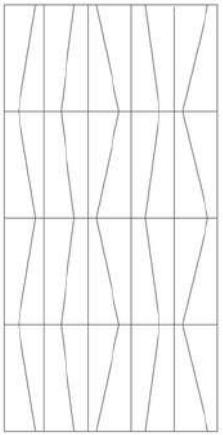
TM

- Available in all ColourMute™ colours (see page 38)
- Custom patterns and sizing available
- Thickness + Dimensions
09mm - 1220 x 2440mm
12mm - 1220 x 2440mm
- NRC - 0.45 - 0.70 (ASTM C423)
- Fire Rating - Class A (ASTM E84)





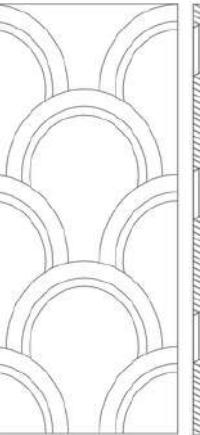
MIRAGE 1201



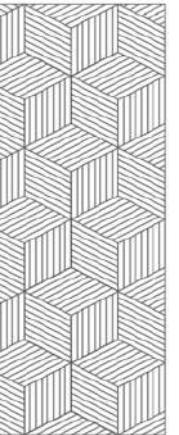
MIRAGE 1202



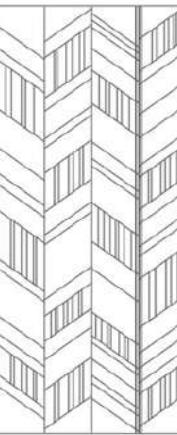
MIRAGE 1203



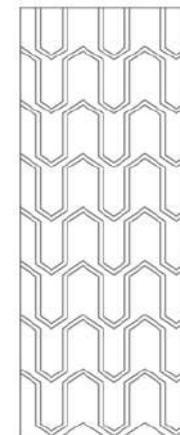
MIRAGE 1204



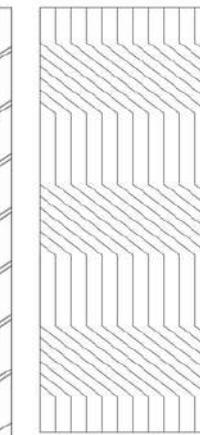
MIRAGE 1205



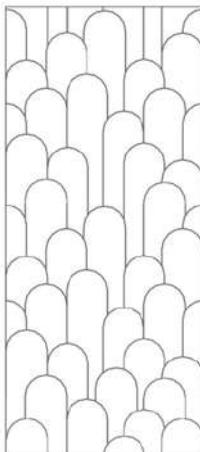
MIRAGE 1206



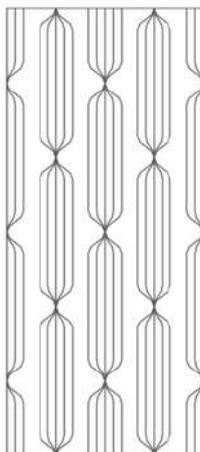
MIRAGE 1207



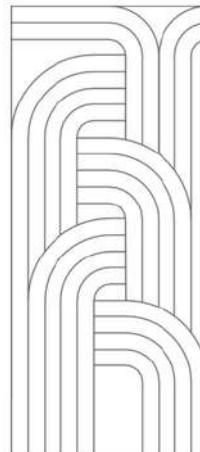
MIRAGE 1208



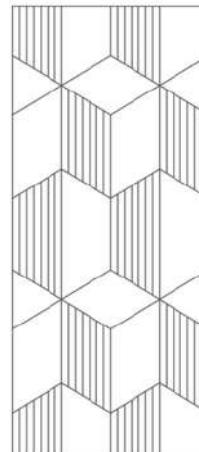
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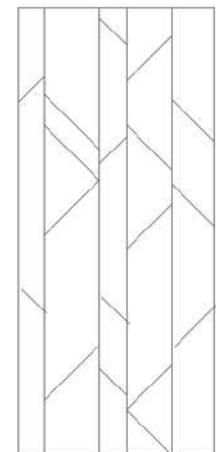
MIRAGE 1210



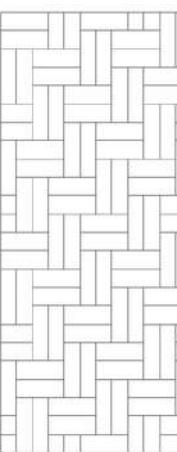
MIRAGE 1211



MIRAGE 1212



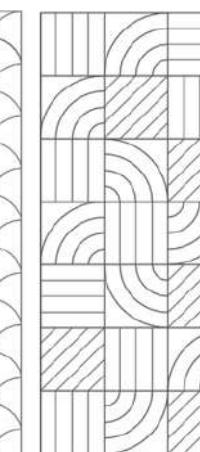
MIRAGE 1213



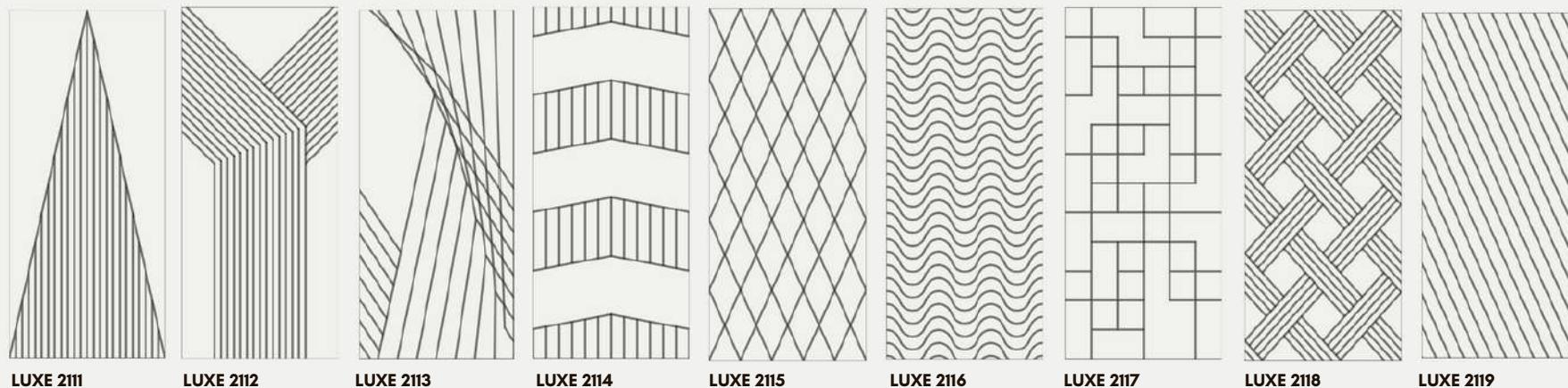
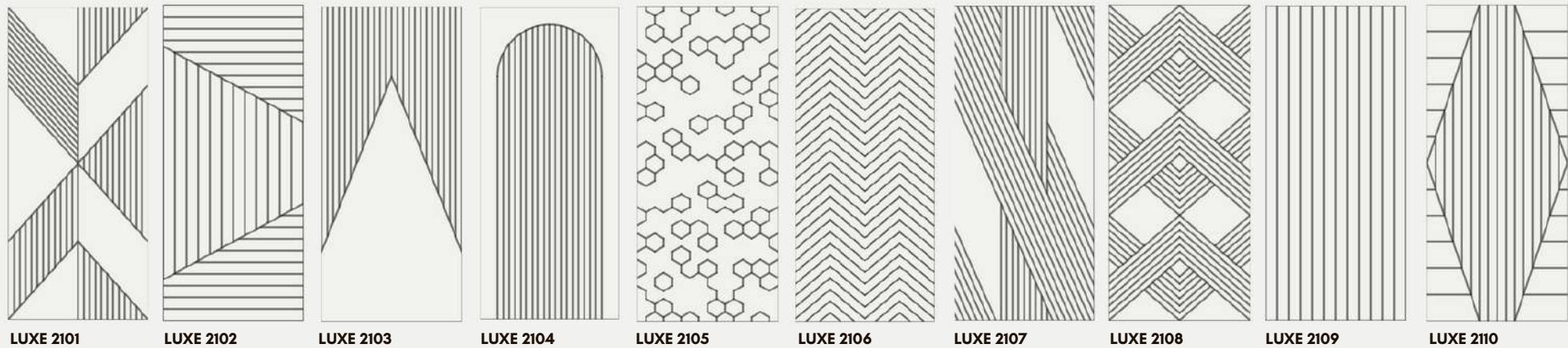
MIRAGE 1214



MIRAGE 1215



MIRAGE 1216



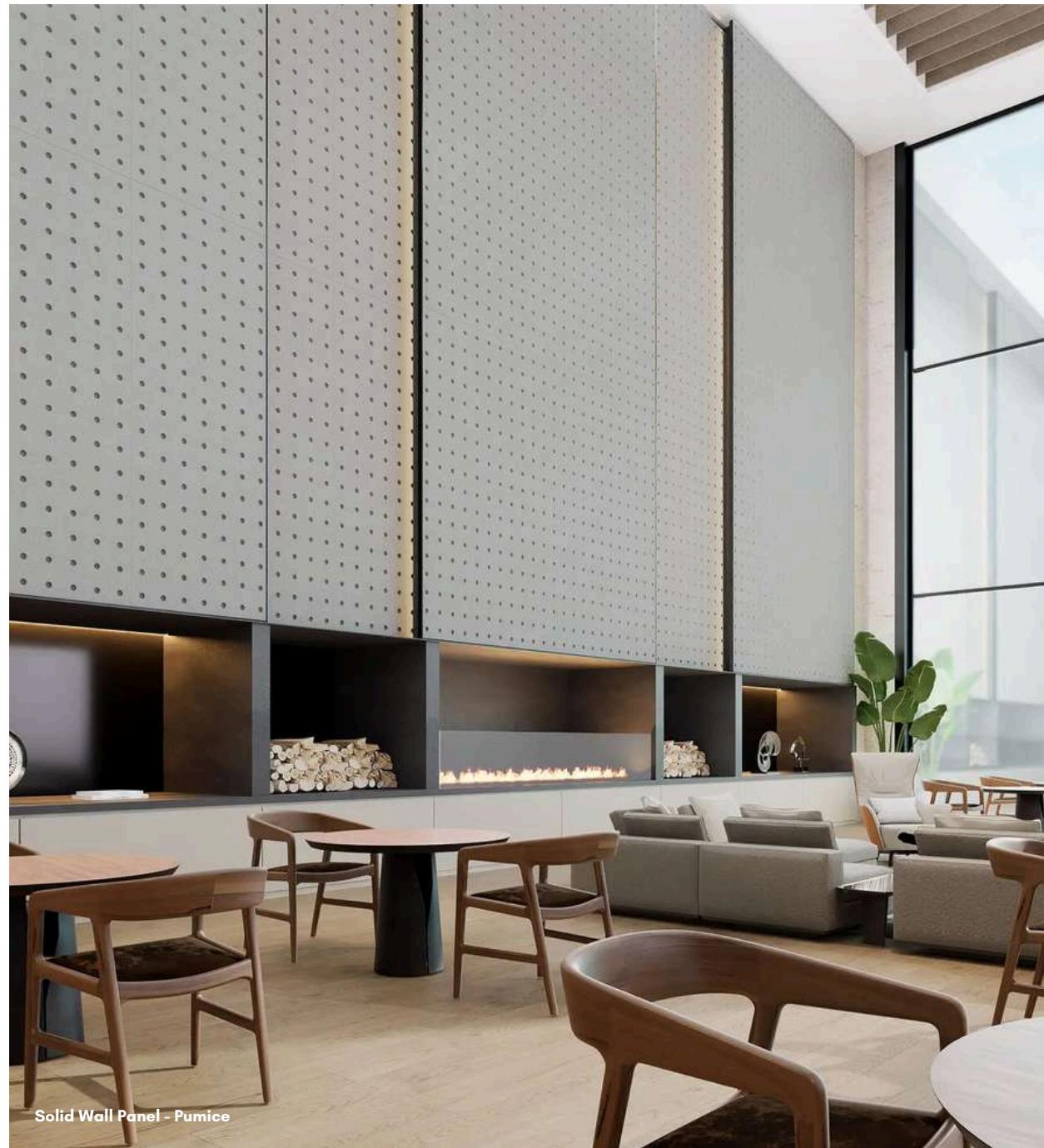




Solid Wall Panel - Olive

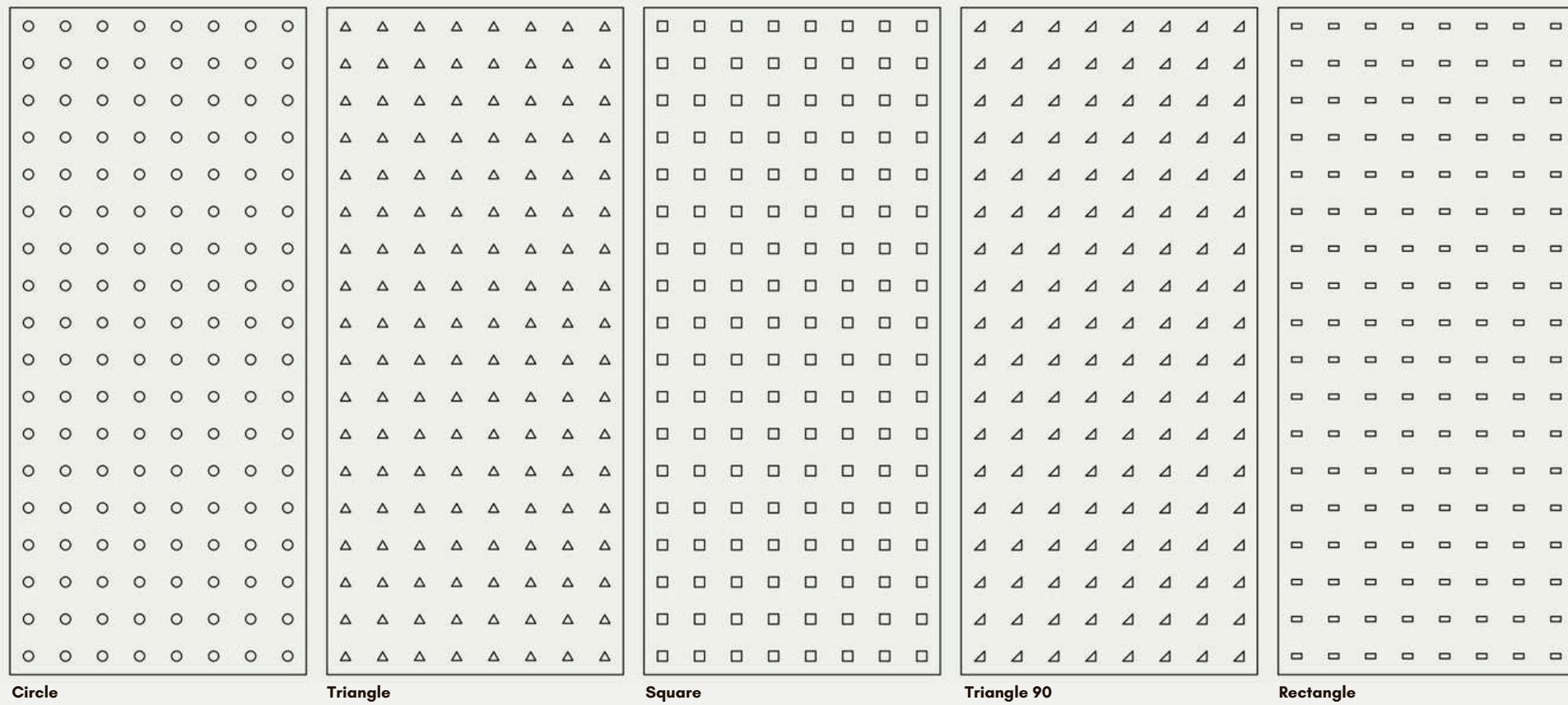


Solid Wall Panel - Mustard



Solid Wall Panel - Pumice

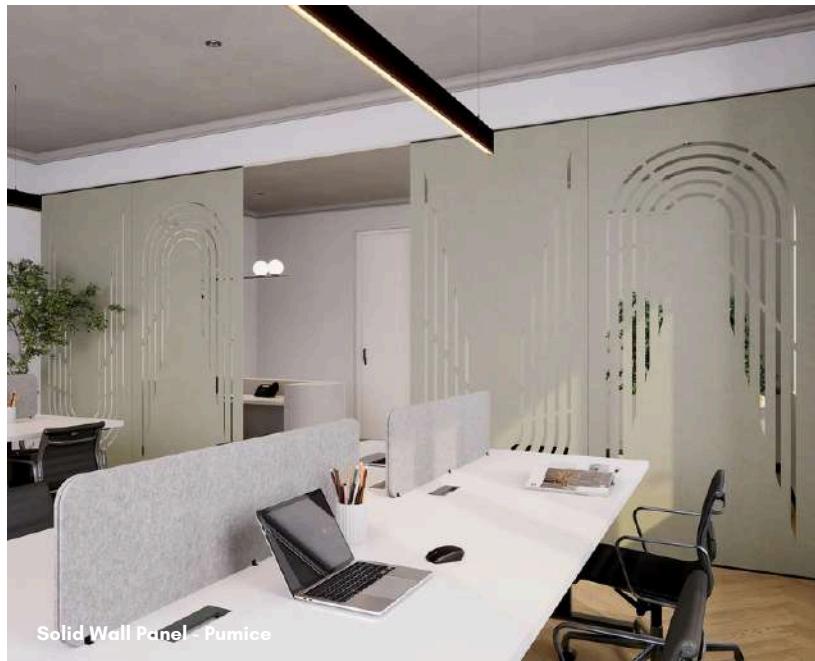




Discover the Sequence, a double-layered acoustic panel featuring geometric cut-outs for a striking color contrast. Choose any two shades from the ColourMute™ palette to create your unique Pixel design, available in five geometric shapes. The Sequence combines aesthetic appeal with effective sound absorption, perfect for stylish, functional spaces.

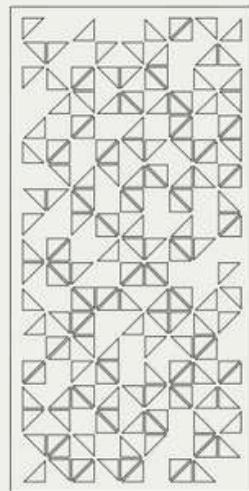
- Thickness + Dimensions
09mm - 1220 x 2440mm
18mm - 1220 x 2440mm
- NRC - 0.55 - 0.80 (ASTM C423)
- Fire Rating - Class A (ASTM E84)



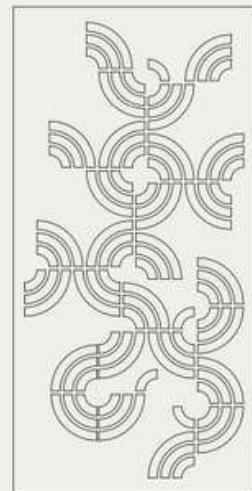


Utilize our screens to seamlessly partition spaces, ensuring natural light is preserved. Apply them to glass walls and windows to diminish echo, or enhance any area with a splash of color and visual interest. Perfect for creating functional yet aesthetically pleasing environments.

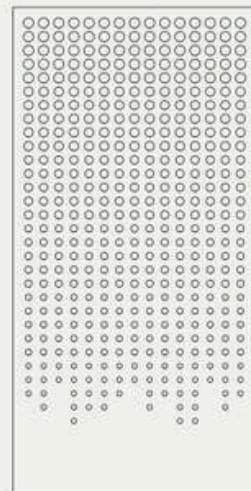




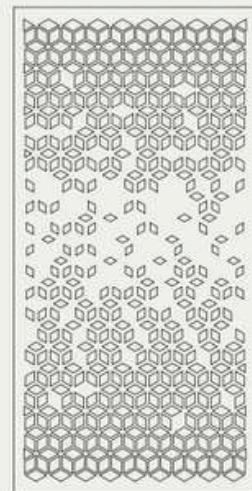
Origami



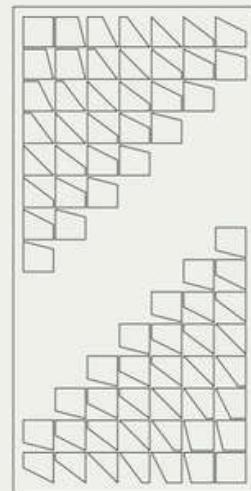
Turntable



Rain



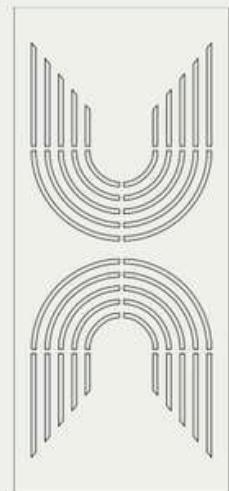
Blizzard



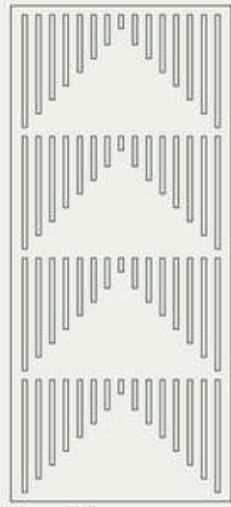
Radar



Fern



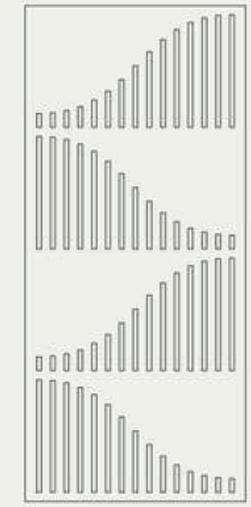
Insignia



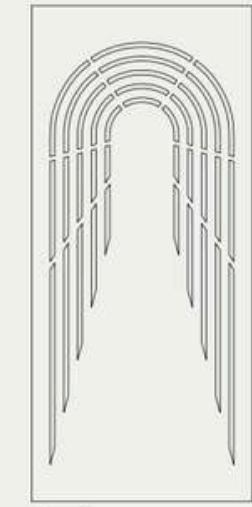
Pyramid



Skyscraper



Sonar



Tunnel



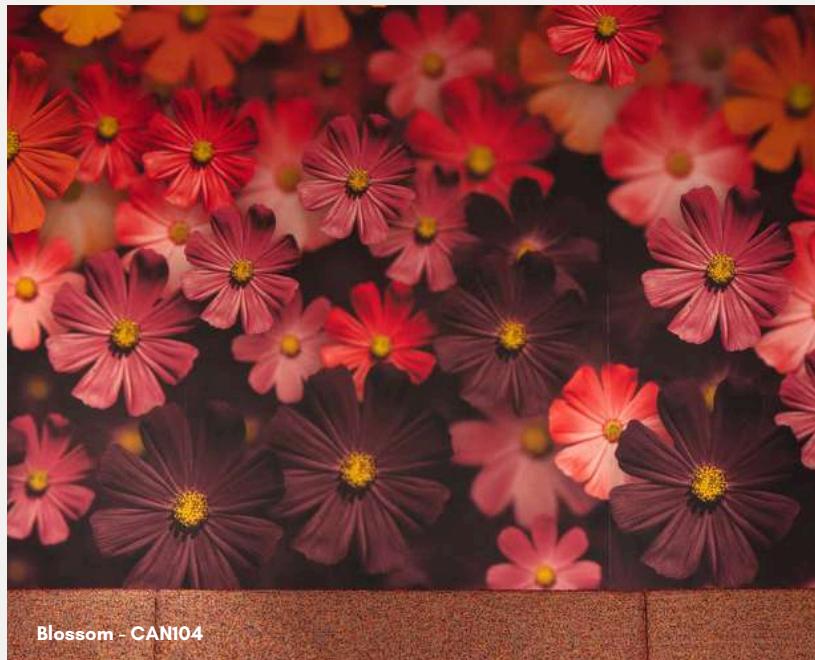
Waterfall

- Thickness + Dimensions
09mm - 1220 x 2440mm
- NRC - 0.45 (ASTM C423)
- Fire Rating - Class A (ASTM E84)

TM

- Available in all ColourMute™ colours (see page 38)
- Custom patterns and sizing available







See your own art on the Graphic Wall. This solution lets you customize digitally printed panels that tell richer stories in space. Easy to design and install, Graphic Wall keeps sound down while upping the aesthetic ante.

- Thickness + Dimensions
09mm - 1220 x 2440mm
- NRC - 0.45 (ASTM C423)
- Fire Rating - Class A (ASTM E84)

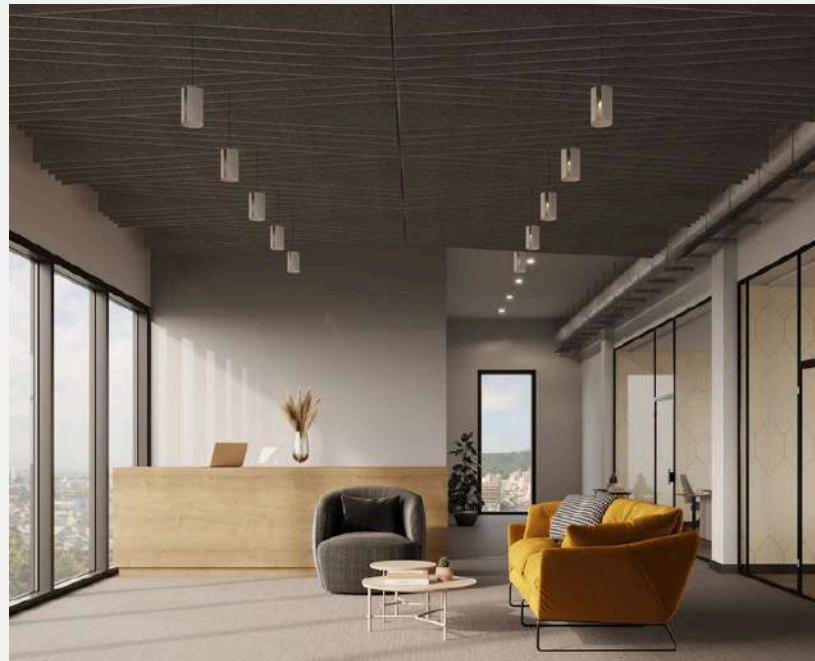
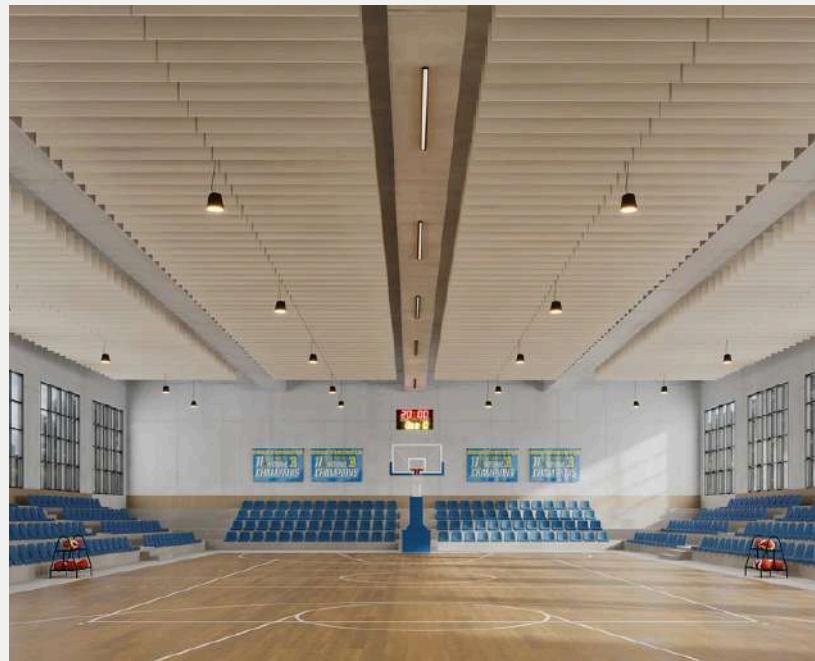
TM

- Custom patterns available
Available in all Canvas colours
(see page 39)





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Linear
12mm - 200 x 1400mm | 200 x 2800mm
24mm - 200 x 1400mm | 200 x 2800mm



Ripple
12mm - 200 x 1400mm | 200 x 2800mm
24mm - 200 x 1400mm | 200 x 2800mm



Wing
12mm - 200 x 1400mm | 200 x 2800mm
24mm - 200 x 1400mm | 200 x 2800mm



Curve
12mm - 200 x 1400mm | 200 x 2800mm
24mm - 200 x 1400mm | 200 x 2800mm



Arc
12mm - 200 x 1400mm | 200 x 2800mm
24mm - 200 x 1400mm | 200 x 2800mm



The Art of Sound





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Engineered to refine both the acoustic performance and modern look of any space, Echsorbix Baffle offers an elegant ceiling solution for those seeking minimalist design with maximum impact.

The Baffle features clean, geometric lines that add a sleek, contemporary aesthetic to any room. Its layered structure not only creates visual interest but also optimizes sound quality by efficiently controlling noise levels.

- Thickness + Dimensions
09mm, 18mm
- NRC – 0.45 (ASTM C423)
- Fire Rating – Class A (ASTM E84)

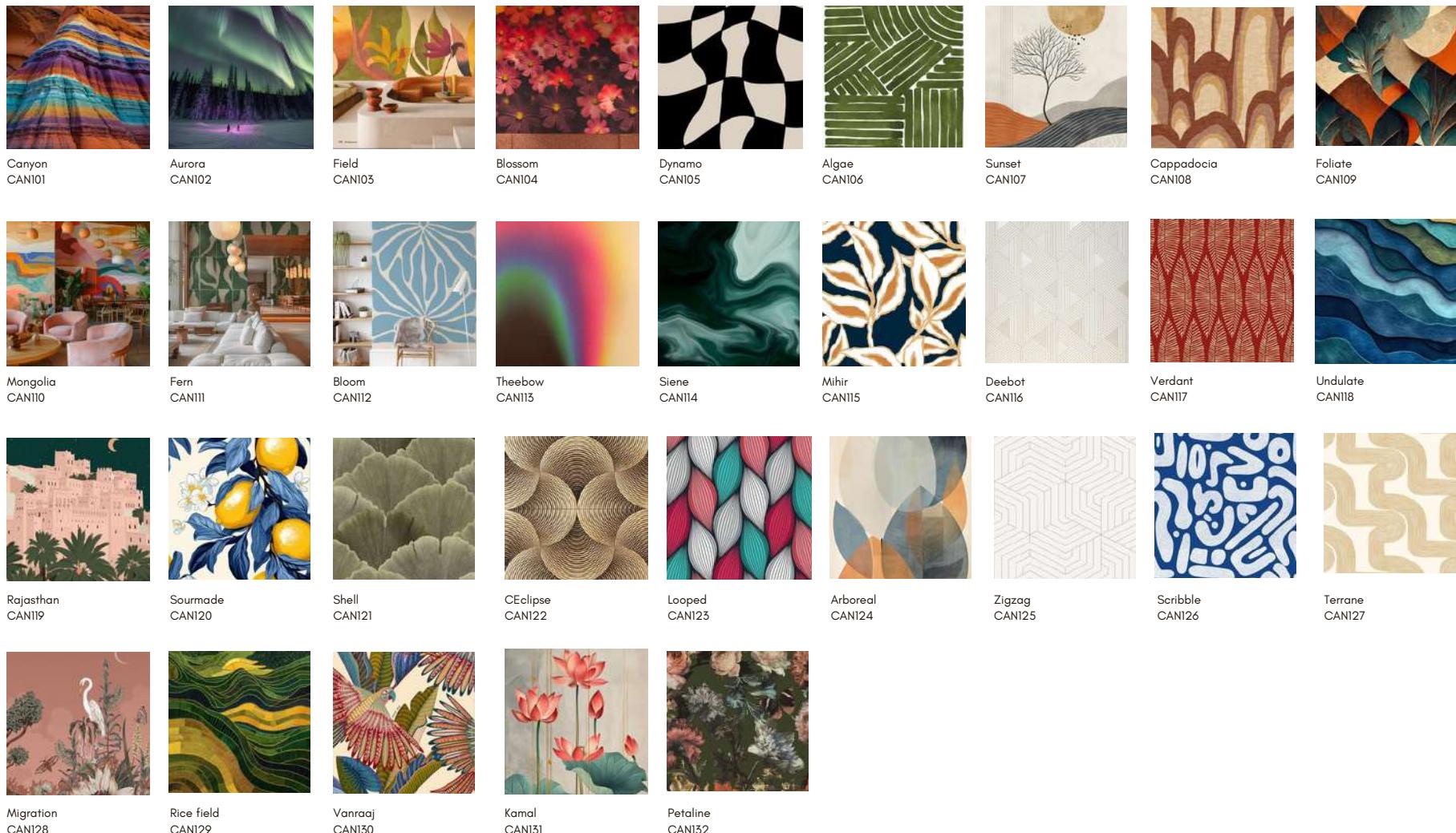
TM

- Custom patterns available
Available in all Canvas colours
(see page 38)









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As a company, it's undeniable that the constructed environment significantly contributes to global emissions.

To address climate change, we've redefined 'sustainability' by assessing the environmental and social impacts of our materials and practices



MANUFACTURING TO INTERNATIONAL STANDARDS

Evaluated according to the International Standards of ISO 9001, our manufacturing processes ensure quality and high-level service and products, while minimizing our environmental impact.



POWERED BY SOLAR

By equipping our main factory locations with solar panels, we ensure that 30-40% of the energy used to create your favorite Acoustic products comes from onsite renewable sources, harnessing the power of the sun.



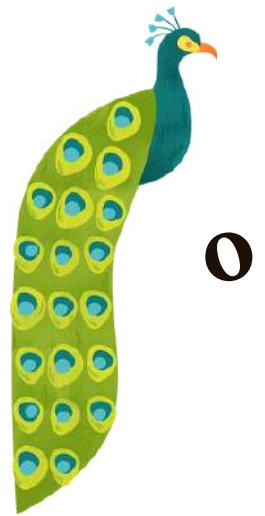
PLASTIC RECYCLING

We convert plastic waste into eco-friendly PET fiber and felt panels, supporting sustainability and reducing environmental impact.



RAIN WATER HARVESTING

MMTPL utilizes harvested rainwater to support local residents, providing water for farming and cleaning activities, bolstering community sustainability.





The Art of Sound

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