



EDEN

WALL-CEILING-BAFFLE



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**Installations available at any height.
Full site surveys offered.
Sound testing and analysis coming soon.**

The workplace and the way we work are constantly evolving. We are continually required to create new spaces within existing environments with an increasing demand on **sound absorbency**. To meet this demand Eden was conceived, as a **sound absorbing** wall or ceiling mounted tile.

On average we spend half of our waking hours at work, or completing work related tasks. Britons have some of the longest working hours in Europe, with one in five of us spending more than 45 hours a week in the office. Noise is probably the most prevalent annoyance source in offices, and leads to increased stress for occupants.[1][2]

As an example, if it takes an average of 15 minutes to regain concentration levels when disrupted whilst completing an important task, with 5 disruptions over an 8 hour day, this would equate to a 15% reduction in productivity. In a business of 60 staff, this would be the same as paying 9 people to do nothing all day. Therefore poor **sound absorbency** in your office can affect the productivity of your business.

The hand crafted nature of the manufacturing allows any shape or size to be created, leaving no limitation to the product, only your imagination. This **flexibility** is embedded within the product in all forms including size, thickness, shape, fabrics and uses, all of which can be tailored to your exact requirements. With this in mind we have categorised Eden into 3 product solution types, **WALL, CEILING** and **BAFFLE**. To stimulate your imagination we have produced a variety of standard options within these solution types. These options are a starting point, as **flexibility** is paramount, please specify them as they are or show us what you would like to see instead.

[1] G. W. Evans and D. Johnson, 'Stress and Open – Office Noise', in The Journal of Applied Psychology, vol. 85, no. 5, (2000), pp. 779-783.
 [2] E. Sundstrom, J. P. Town, R. W. Rice, D.P. Osborn and M. Brill, 'Office Noise, Satisfaction and Performance', in Environment and Behaviour, vol. 26, no. 2, (1994), pp. 195-222.



Warranty - Eden provides a 5 year guarantee against defects providing that the product has only been subjected to normal wear and tear and has not been misused or abused. Fabrics are excluded, please see manufacturer for their guarantee.



Flexibility - Eden can be manufactured to any shape or size allowing you full adaptability. With this flexibility you can create 3 dimensional designs. The options shown here are examples of what can be created.



Sound absorbing - All Eden tiles are manufactured with sound absorbing foam which has been tested to give a sound absorbency rating.



Wall hung - Available in 40 or 64mm thick which can be hung vertically or at angles on most walls. A variety of fixings are available to connect the tiles to walls, with Velcro being the standard.



Ceiling hung - Available in 40 or 64mm thick which can be hung horizontally on most ceilings. A variety of fixings are available to connect the tiles to ceilings, with steel cable kits being the standard.



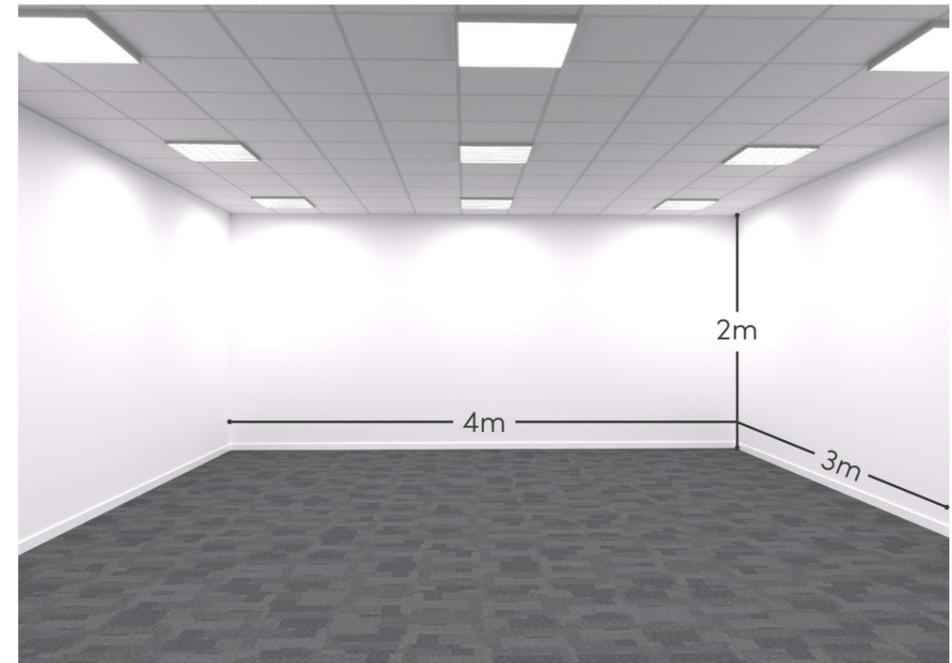
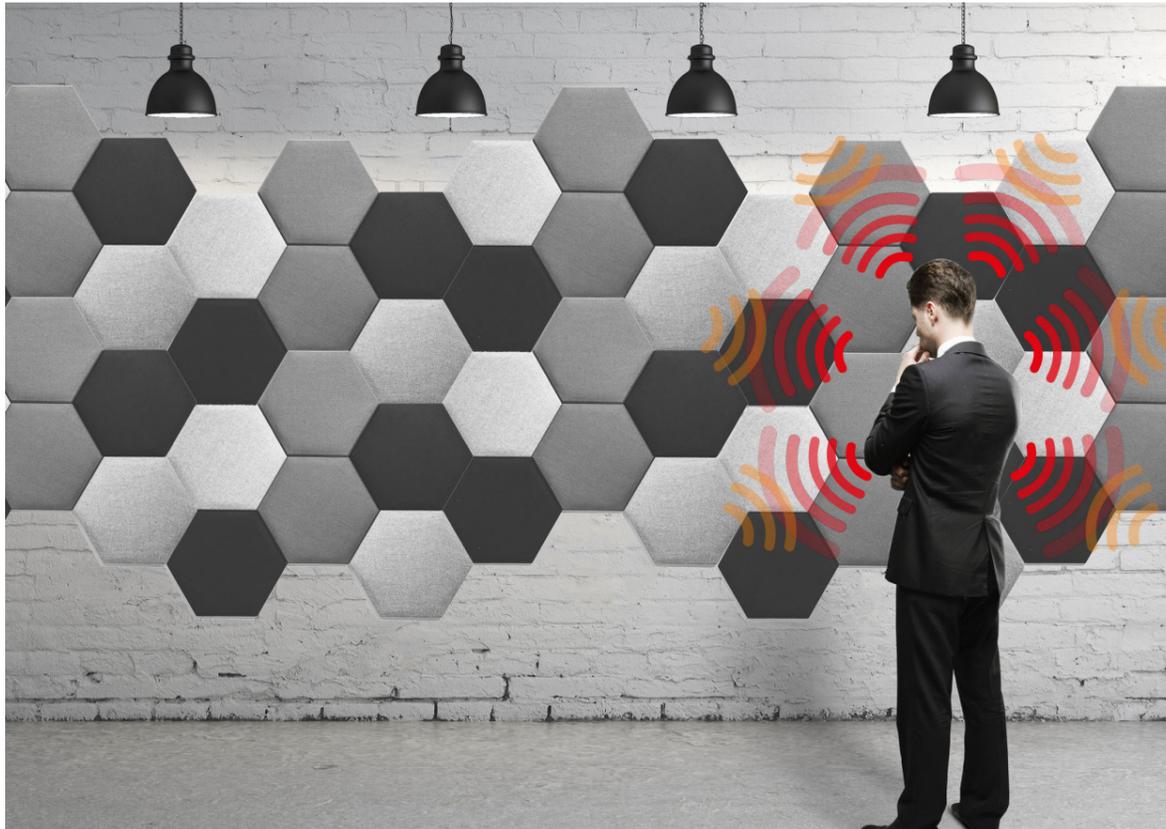
Baffle - Available in 45mm thick which can be hung vertically on most ceilings. A variety of fixings are available to connect the tiles to ceilings, with steel cable kits being the standard.



As sound hits a hard surface, typically it will reflect back out into the room. This is reverberation. Without controlling this, sound will continue to reflect around the room. With several sound sources producing noise, this can cause a problem by disrupting staff.

By specifying Eden tiles on walls, hanging from ceilings or as baffles this unwanted sound can be absorbed.

With more sound being absorbed and less reflecting, the reverberation times are cut shorter, and the overall noise in the room will appear to decrease, resulting in fewer interruptions to staff.



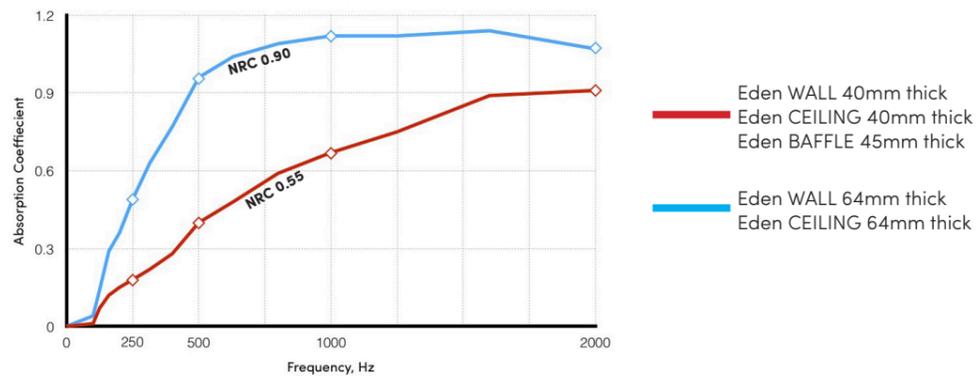
The above dimensioned room without any Eden sound absorbing tiles will have a reverberation time of 1.0 second (the reverberation time is defined as the length of time required for sound to decay 60 decibels from it's initial level).

Our aim by using Eden tiles is to reduce the reverberation time in the room, resulting in less interruptions to staff by unwanted noise.

Case study A: If you covered 60% of the walls in Eden WALL 40mm thick tiles (which have a NRC of 0.55) the reverberation time would be reduced to 0.5 seconds. This equates to a 50% decrease in reverberation time.*

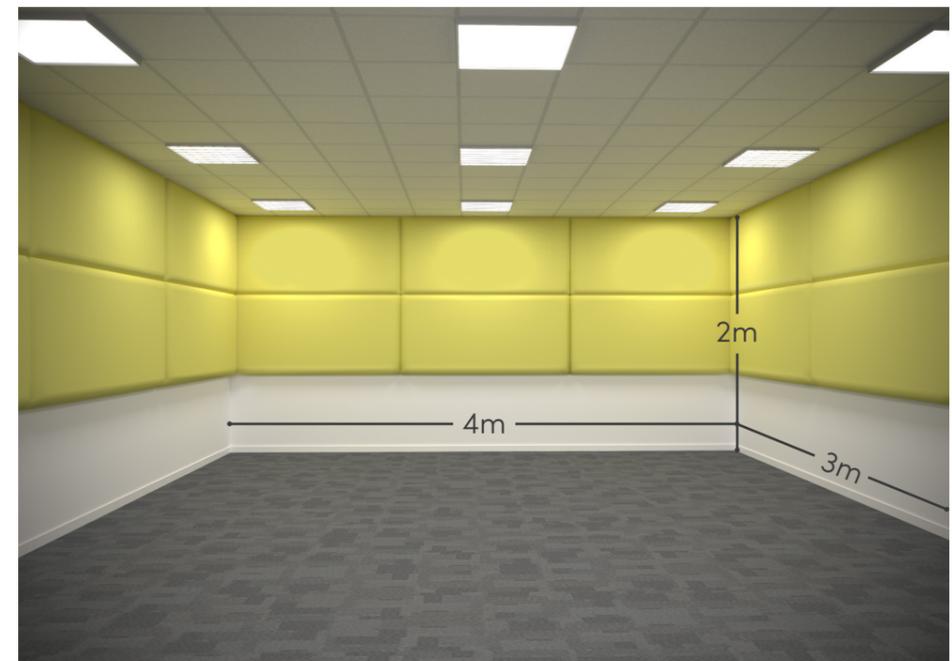
Case study B: If you covered 60% of the walls in Eden WALL 64mm thick tiles (which have a NRC of 0.90) the reverberation time would be reduced to 0.3 seconds. This equates to a 70% decrease in reverberation time.*

Measurement of Sound Absorption in accordance with BSEN ISO 354:2003 (Test report number C/23213/T01)



	Frequency, Hz	250	500	1000	2000	Equivalent of:
—	Absorption Coefficient	0.18	0.40	0.67	0.91	NRC : 0.55 Class C
—	Adsorption Coefficient	0.49	0.96	1.12	1.07	NRC : 0.90 Class A

*NRC = Noise Reduction Coefficient



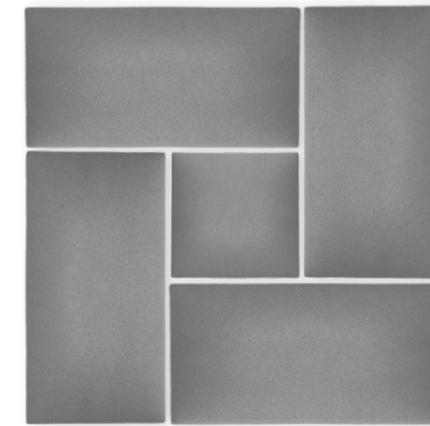
*Case study results were calculated by KP Acoustics.



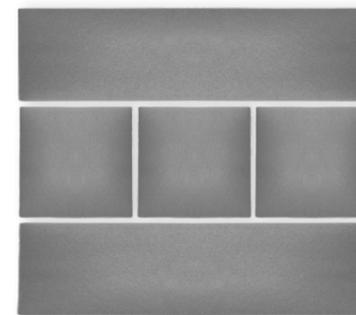
WALL

With limited floor space available in offices empty walls or vertical surfaces can be used to absorb unwanted noise to help staff concentrate. By using Eden WALL tiles, colours, patterns, texture, shape and tessellation can be introduced to otherwise plain and commonly white spaces while providing the dual function of sound absorption. Supplied with simple Velcro fixings which are flexible consider covering not just walls, but cupboard backs, doors, and pillars.

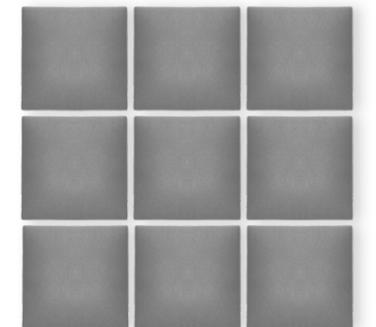




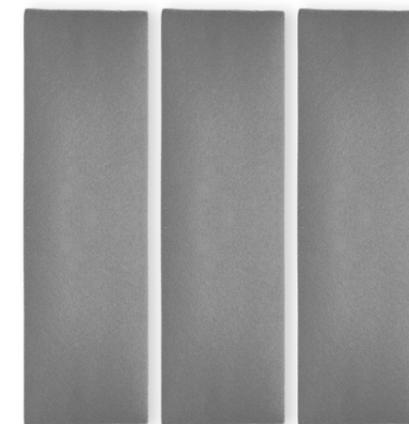
CONFIG 01



CONFIG 02



CONFIG 03

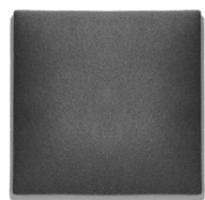


CONFIG 04

AVAILABLE SIZES:

	400	600	800	1000	1200
600	●	●	●	●	●
800	●	●	●	●	●
1000	●	●	●	●	●
1200	●	●	●	●	●
1400	●	●	●	●	●
1600	●	●	●	●	●

Dimensions in mm



SQUARE ●

thickness: 40mm or 64mm

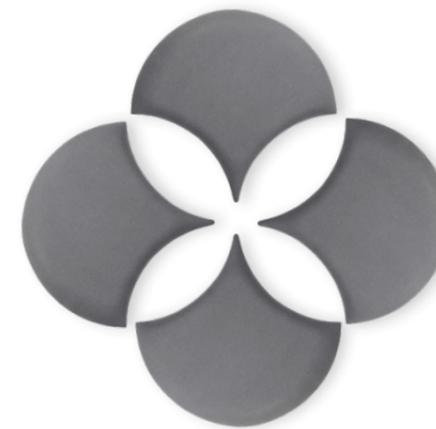


RECTANGLE ●

thickness: 40mm or 64mm



CONFIG 01



CONFIG 02



CONFIG 03



CONFIG 04



FAN500

height: 439mm
width: 500mm
thickness: 40mm or 64mm



FAN700

height: 626mm
width: 700mm
thickness: 40mm or 64mm



FAN900

height: 815mm
width: 900mm
thickness: 40mm or 64mm

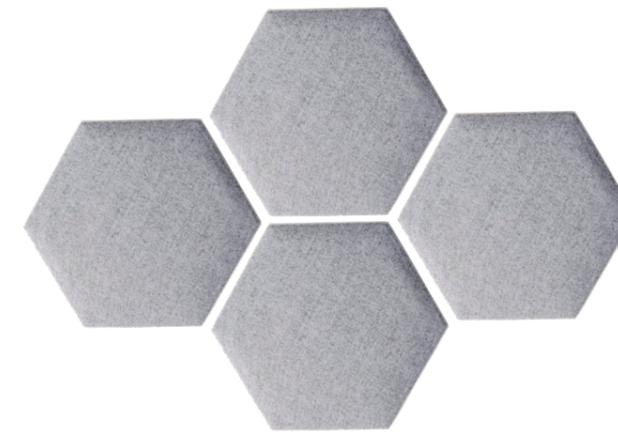




CONFIG 01



CONFIG 02



CONFIG 03



HEXAGON



HEX500

height: 433mm
width: 500mm
thickness: 40mm or 64mm



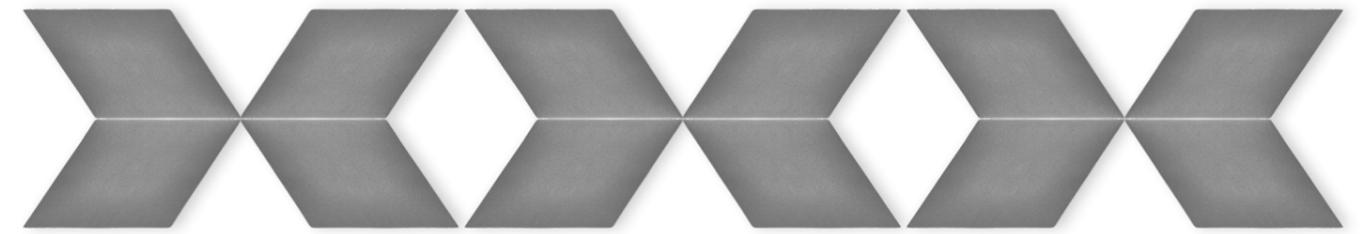
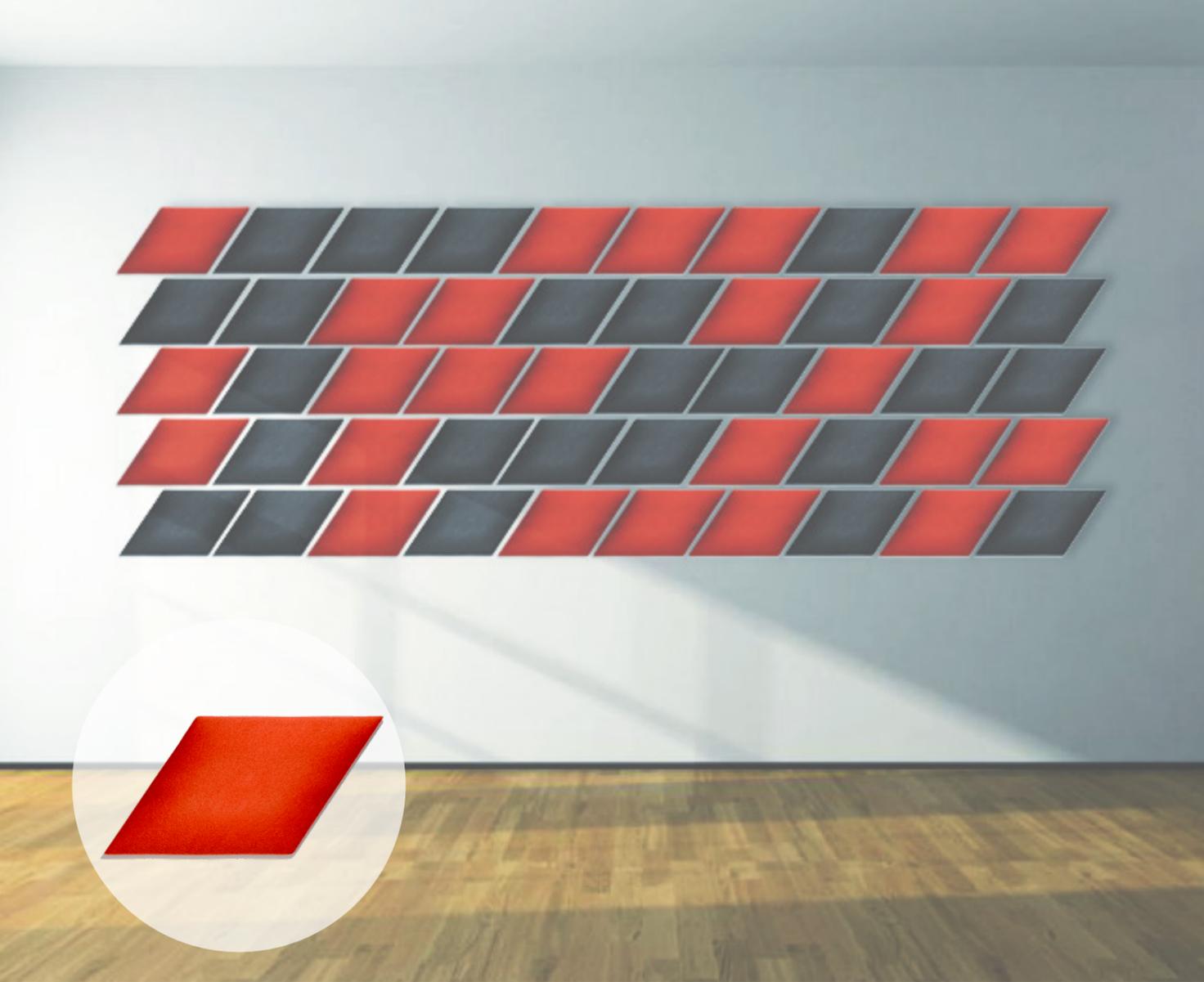
HEX700

height: 606mm
width: 700mm
thickness: 40mm or 64mm

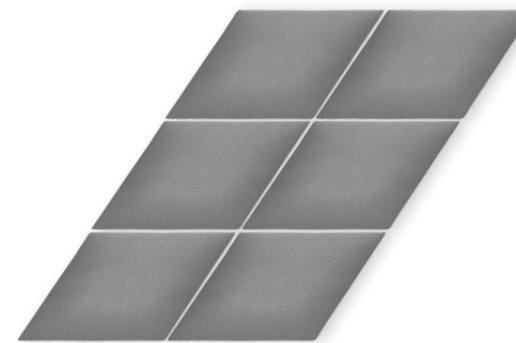


HEX900

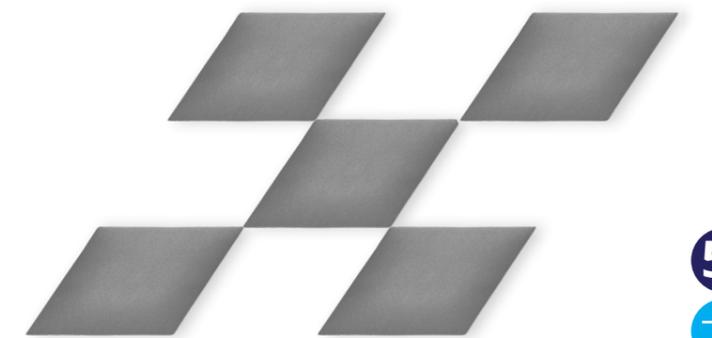
height: 779mm
width: 900mm
thickness: 40mm or 64mm



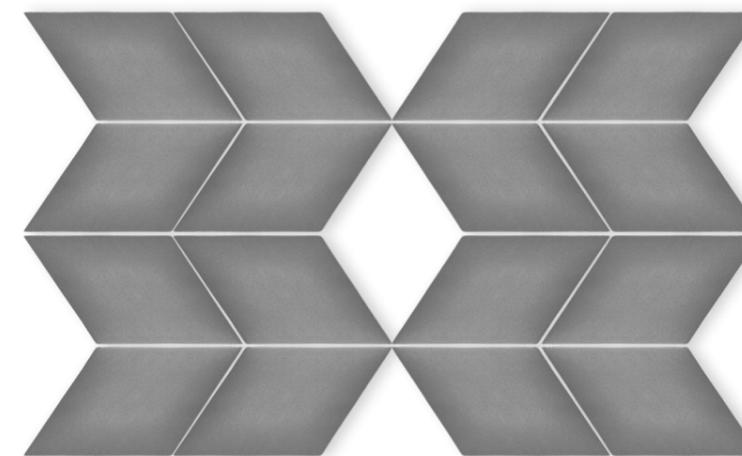
CONFIG 01



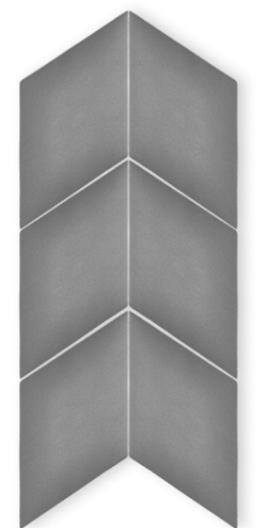
CONFIG 02



CONFIG 03

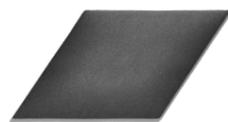


CONFIG 04



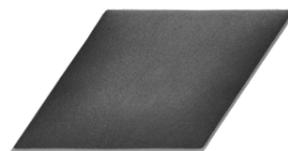
CONFIG 05

RHOMBUS



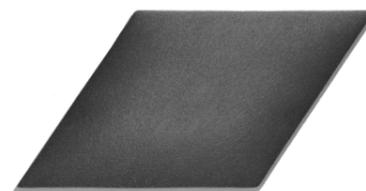
RHO500

height: 500mm
width: 741mm
thickness: 40mm or 64mm



RHO700

height: 700mm
width: 1038mm
thickness: 40mm or 64mm



RHO900

height: 900mm
width: 1334mm
thickness: 40mm or 64mm

5yr



WALL

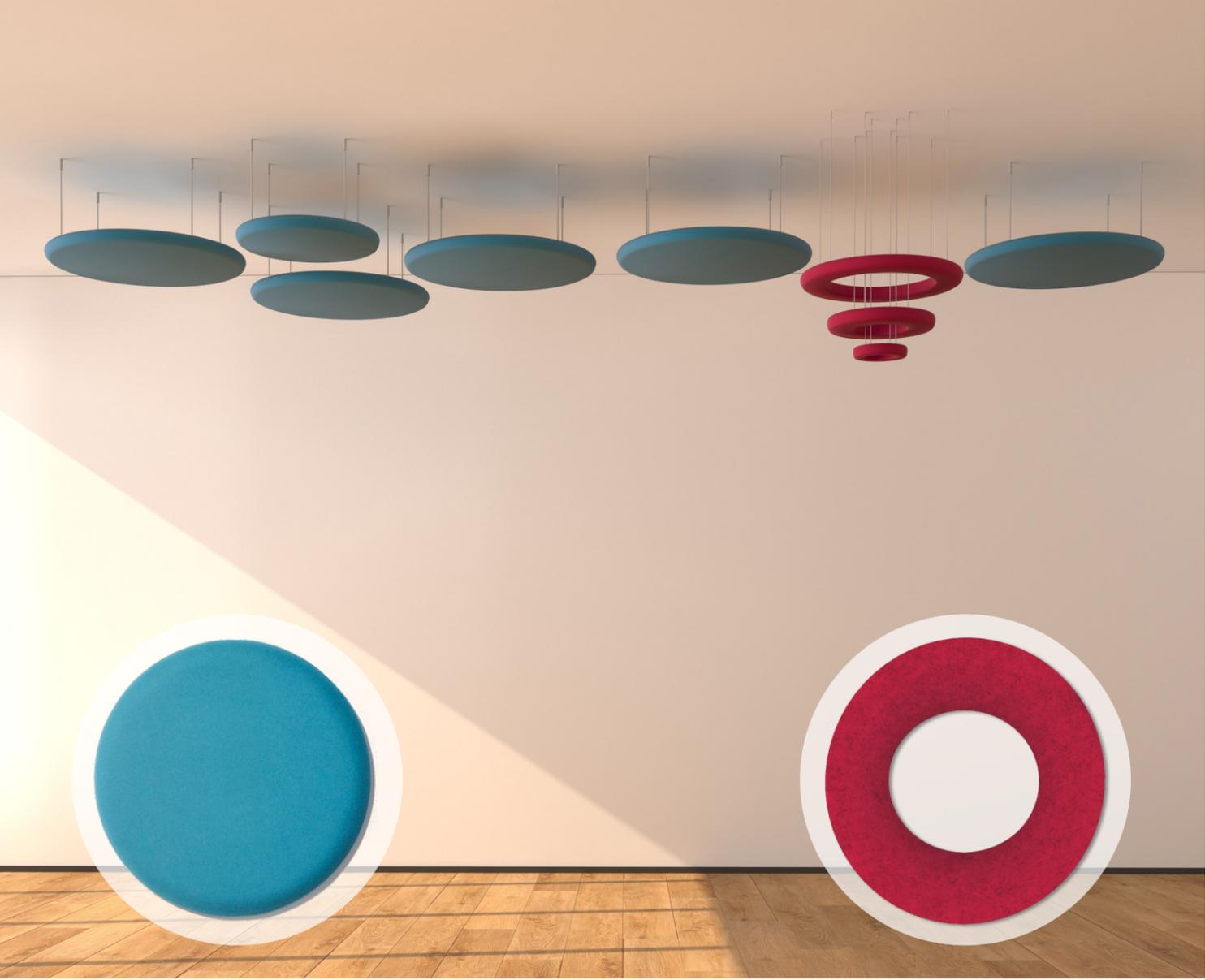




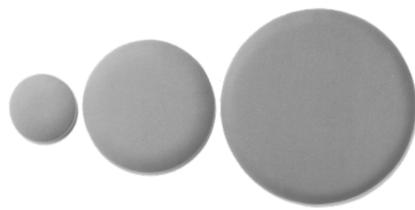
CEILING

Many office ceilings can be plain and lack colour and consideration. Eden CEILING tiles can be hung from most ceilings or suspended ceiling grids and will absorb unwanted sound while also providing shape, colour and design. Tiles can be fitted at adjustable distances from ceilings providing flexibility and opportunities to overlap creating organic configurations.

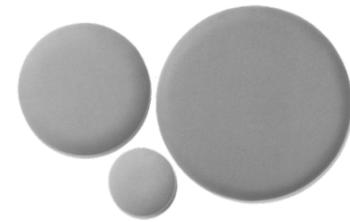




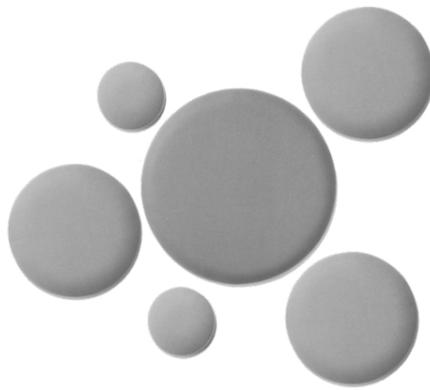
EDEN can be hand crafted to your specific needs, call us with your requirements - 01264 341400



CONFIG 01



CONFIG 02



CONFIG 03

CIRCLE/DOUGHNUT



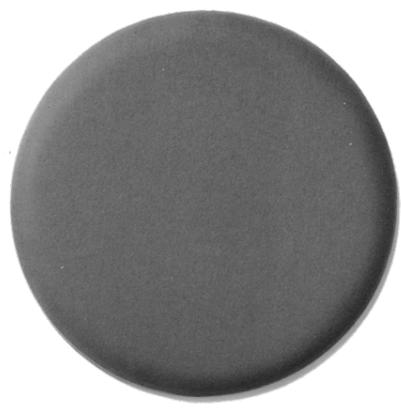
CIR500

diameter: 500mm
thickness: 40mm or 64mm



CIR750

diameter: 750mm
thickness: 40mm or 64mm



CIR1000

diameter: 1000mm
thickness: 40mm or 64mm



DOU500/250

diameter: 500mm
diameter hole: 250mm
thickness: 40mm or 64mm



DOU750/500

diameter: 750mm
diameter hole: 500mm
thickness: 40mm or 64mm

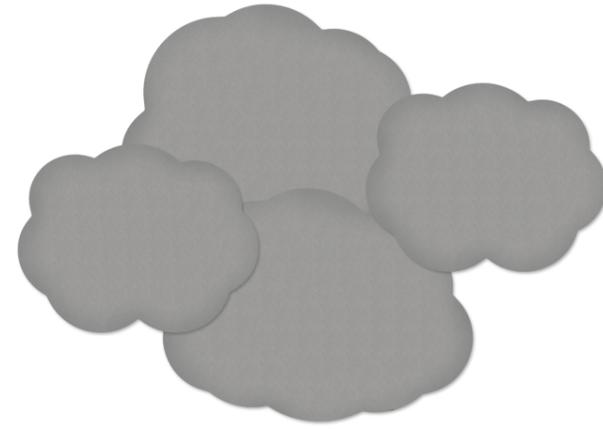
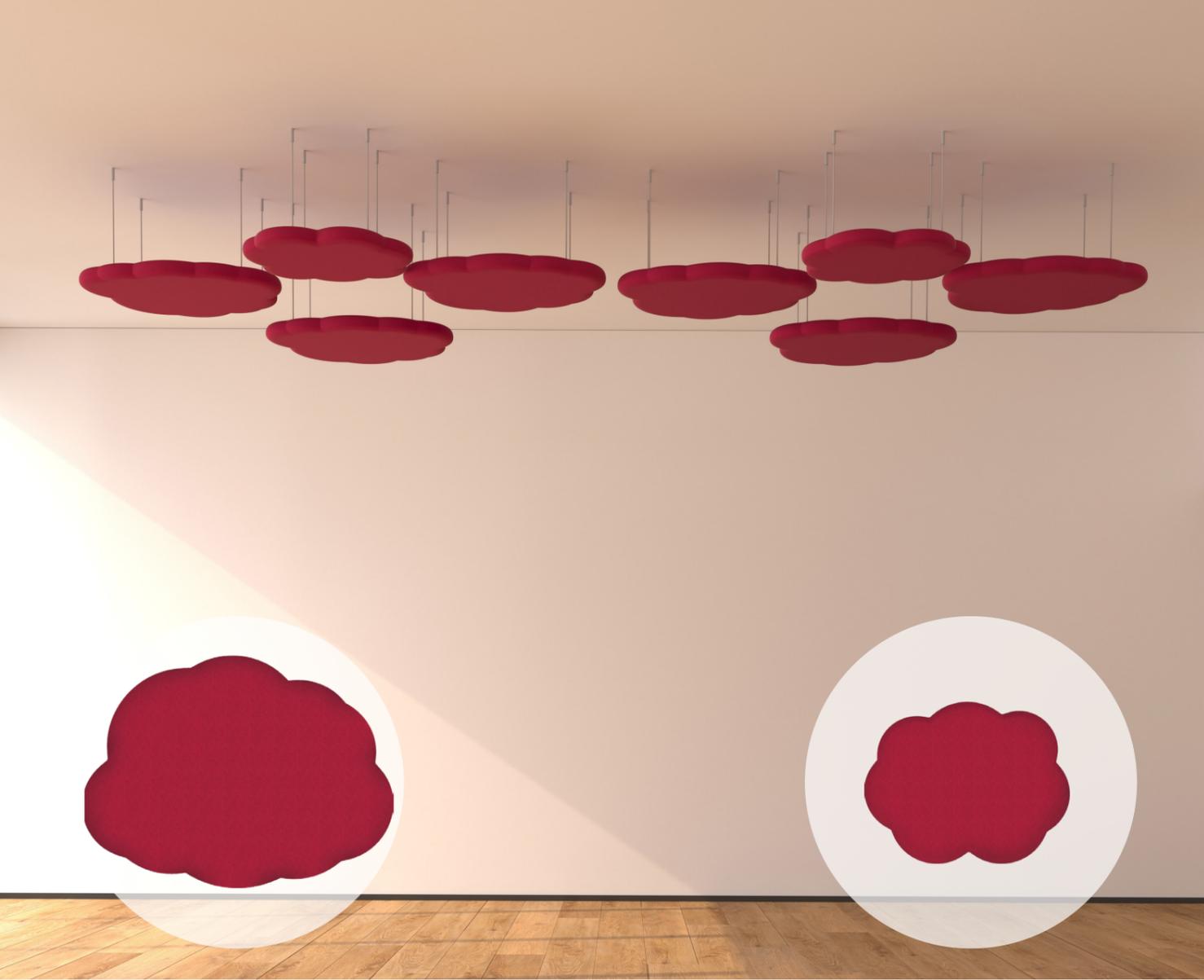


DOU1000/750

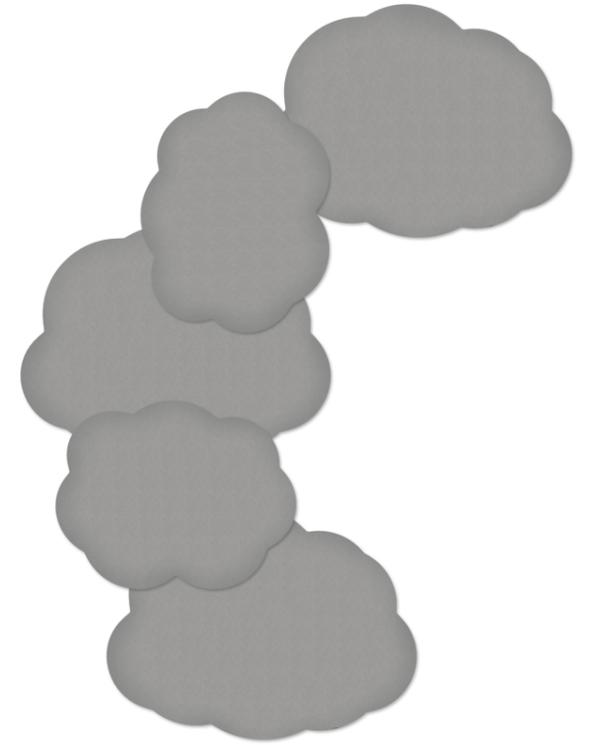
diameter: 1000mm
diameter hole: 750mm
thickness: 40mm or 64mm



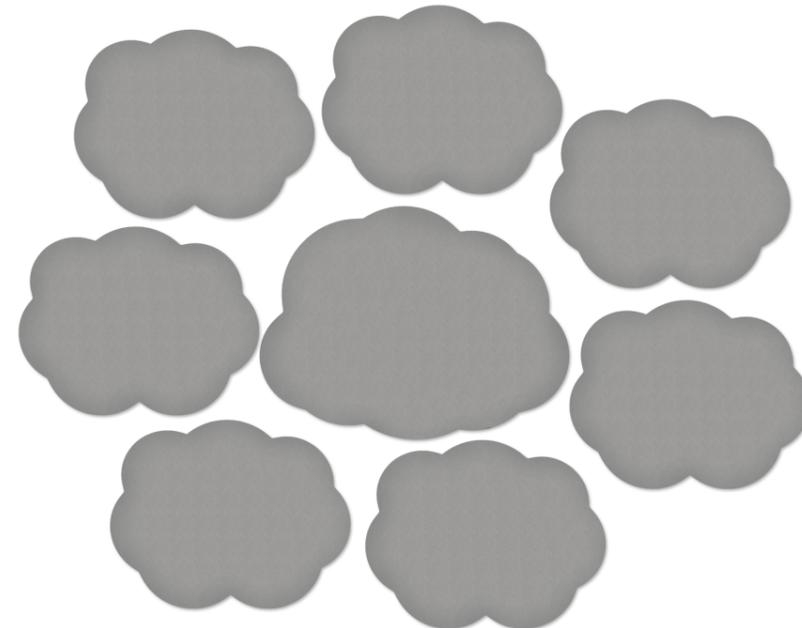
CEILING



CONFIG 01



CONFIG 02

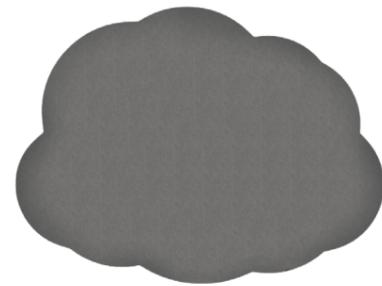


CONFIG 03



CLO01

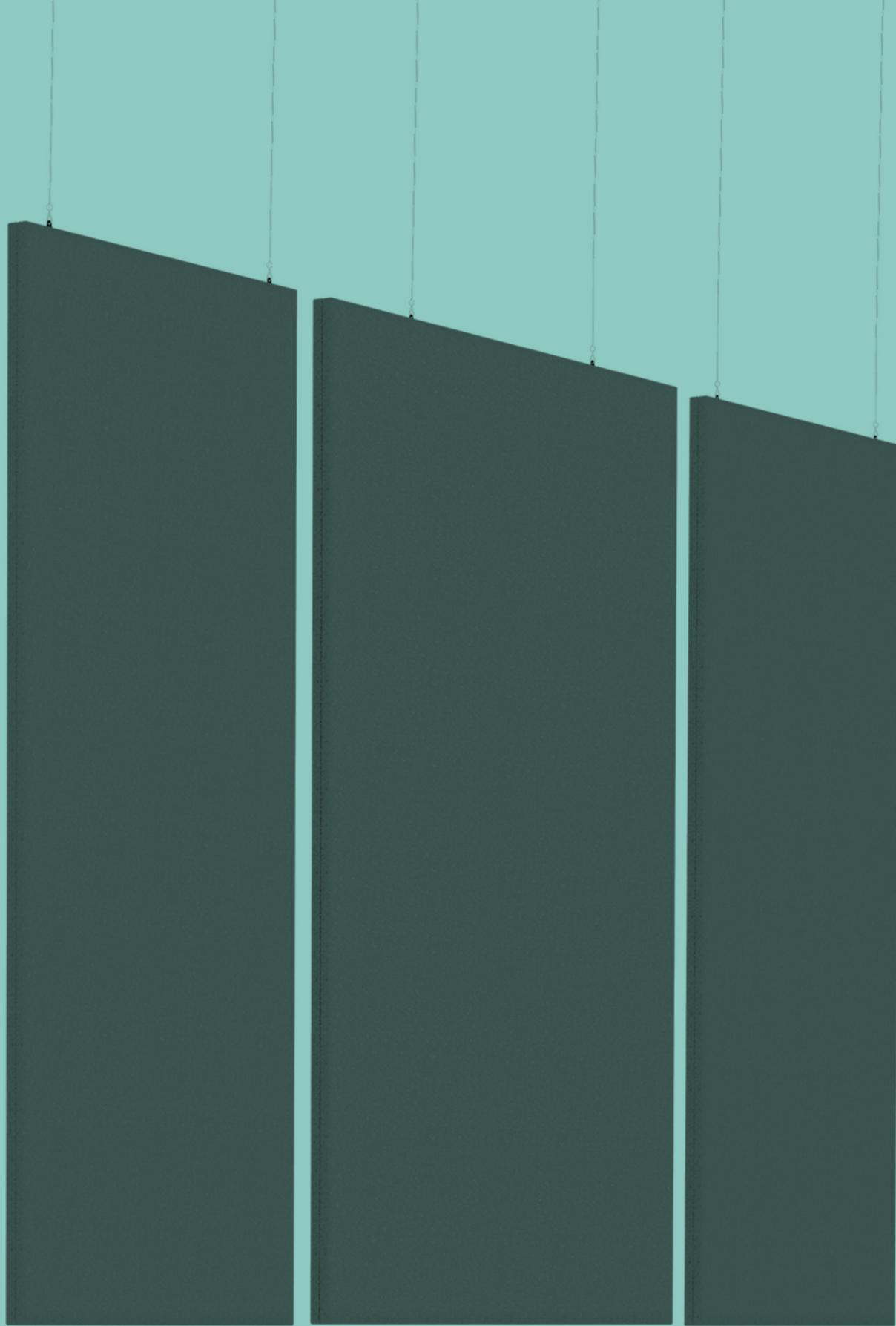
height: 822mm
width: 1032mm
thickness: 40mm or 64mm



CLO02

height: 992mm
width: 1310mm
thickness: 40mm or 64mm

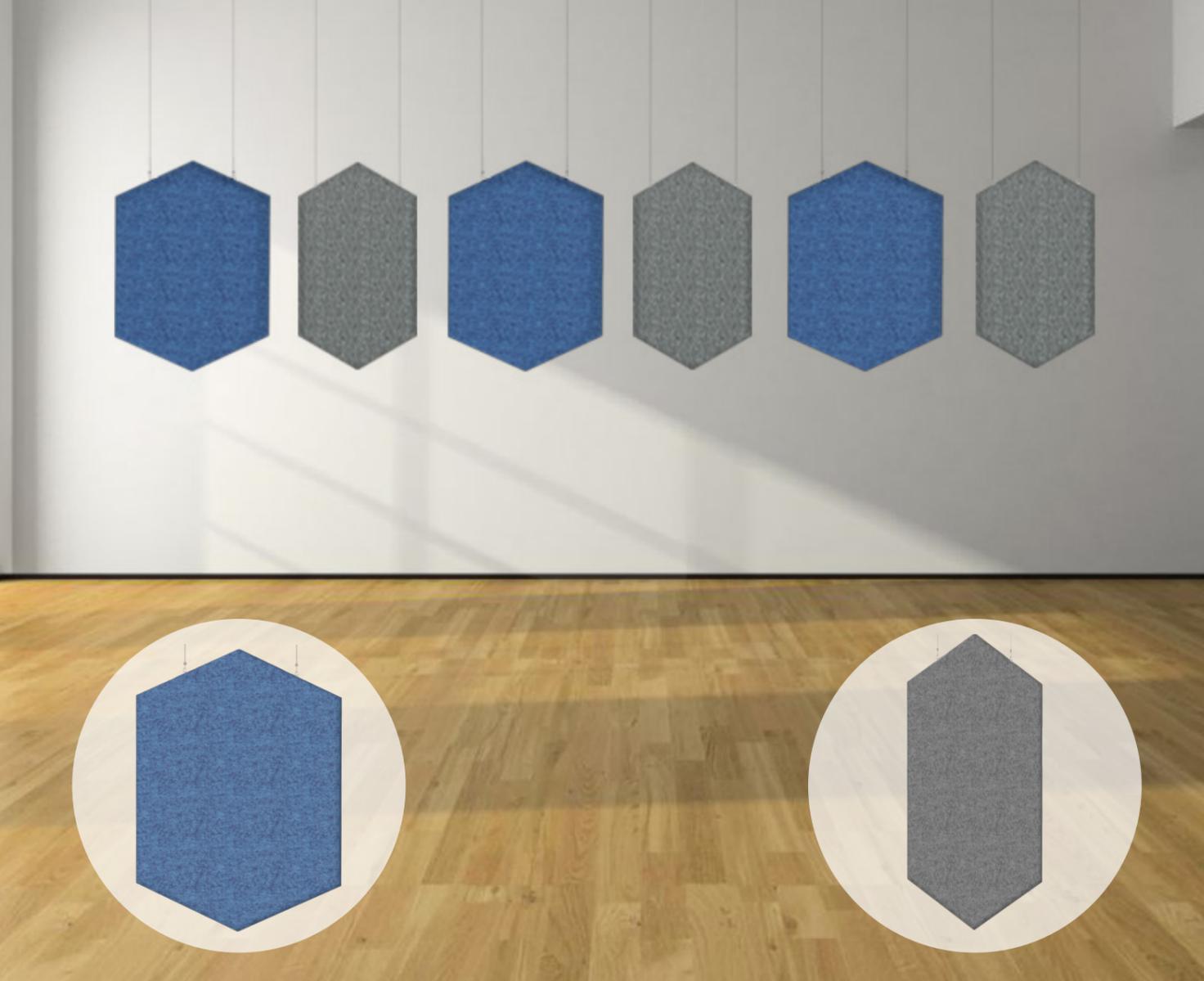




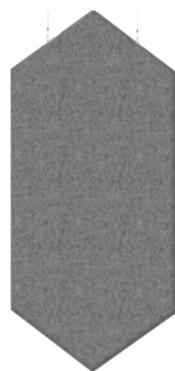
BAFFLE

All workspace needs segregation to one degree or another. Providing identity to areas designated to different types of working or departmental boundaries can be important. Likewise, provision for resource isolation, which can be disruptive to staff, must be considered. To contend with this demand employers are looking for flexible furniture solutions that provide modern aesthetics with sound reduction that can shield space for shared resources; printers, storage etc. A well-planned office can create division between working areas in a creative manner, further enhancing the workplace. Eden BAFFLE can be hung from most ceilings in the portrait or landscape position to fulfil these requirements.



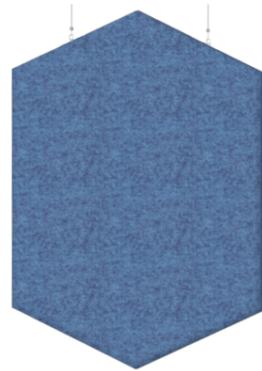


DIAMOND



DIA600

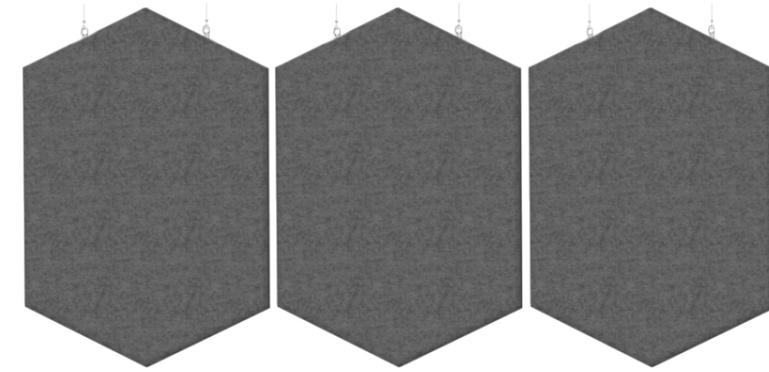
height: 1200mm
width: 600mm
thickness: 45mm



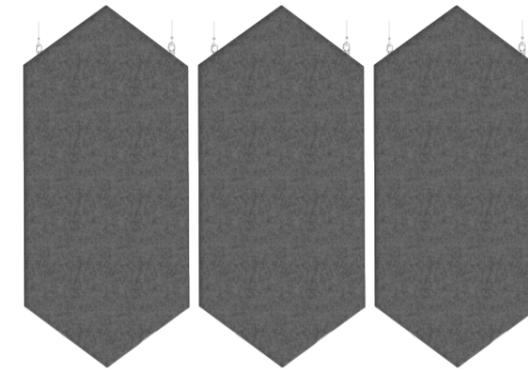
DIA1000

height: 1200mm
width: 1000mm
thickness: 45mm

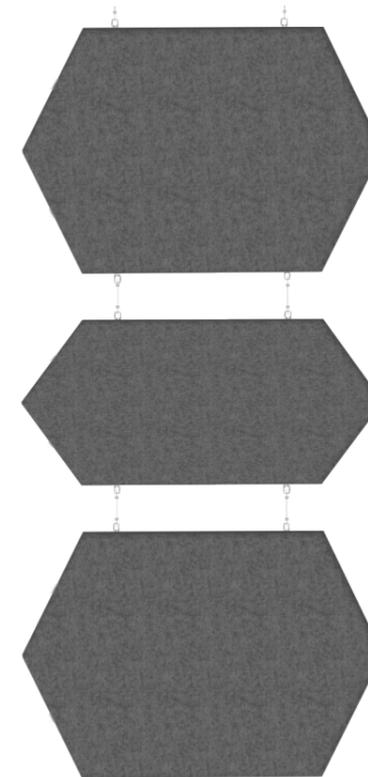
EDEN can be hand crafted to your specific needs, call us with your requirements - 01264 341400



CONFIG 01



CONFIG 02



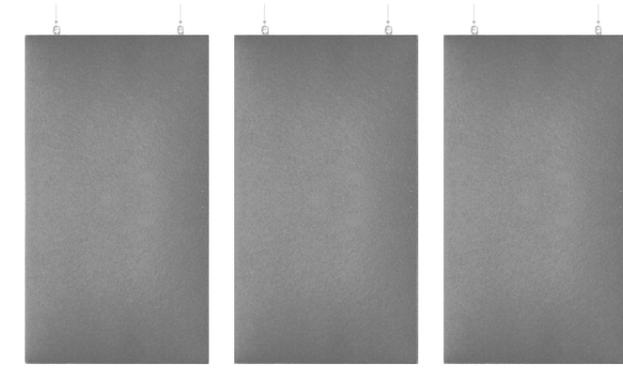
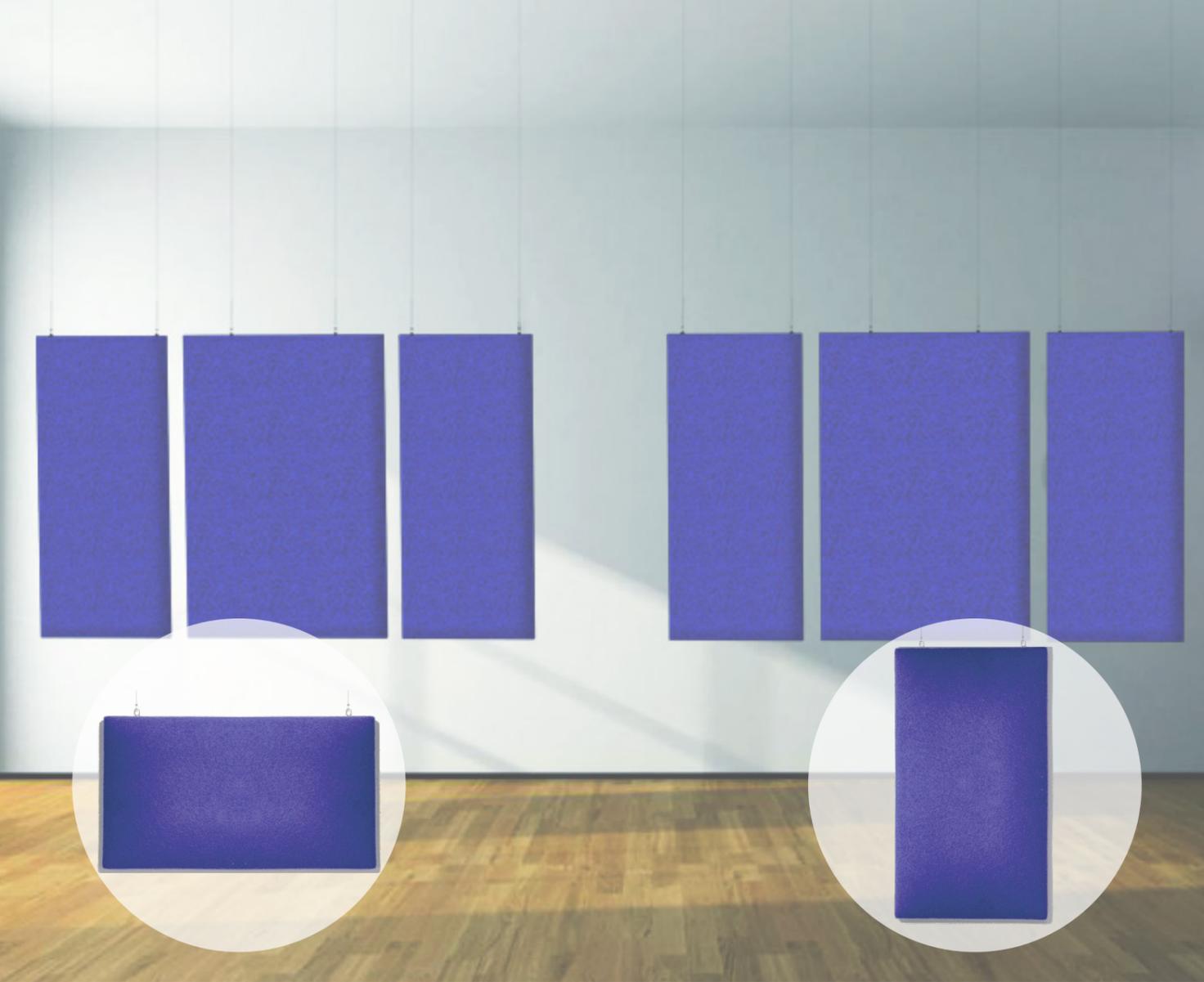
CONFIG 03

Available to hang portrait or landscape

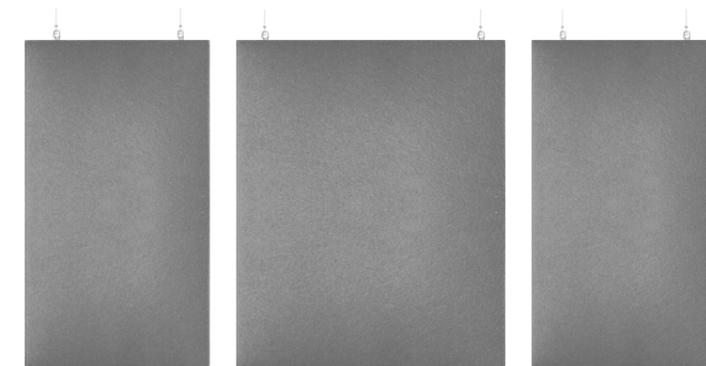
5 yr



BAFFLE



CONFIG 01



CONFIG 02



CONFIG 03

RECTANGLE



SQUARE

●
thickness: 45mm



RECTANGLE

●
thickness: 45mm

	400	600	800	1000	1200
800	●	●	●	●	●
1000	●	●	●	●	●
1200	●	●	●	●	●
1400	●	●	●	●	●
1600	●	●	●	●	●

5 yr



BAFFLE

Available to hang portrait or landscape

WALL



Velcro strips
(supplied as standard)



Magnetic strips
(POA)



Adjustable Angle Arm
(POA)

CEILING

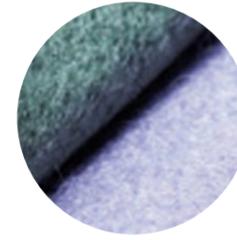


Hanging wire
(supplied as standard)

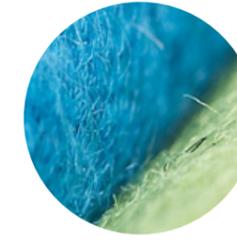
BAFFLE



Hanging wire
(supplied as standard)



Camira Blazer



Camira Blazer Lite



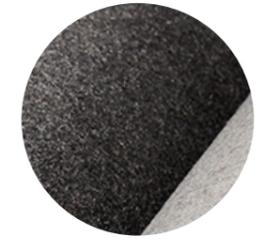
Camira Synergy



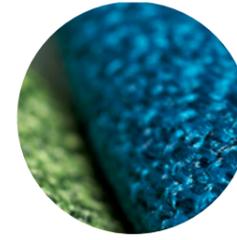
Camira Cara



Camira Racer



Camira Sonus



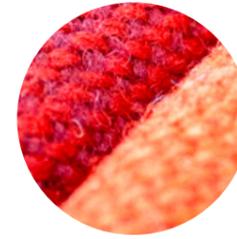
Camira L2



Camira Manhattan



Camira Blazer Quilt Channel*



Camira Main Line Plus



Camira Main Line Flax



Camira Blazer Quilt Hourglass*

Alternative fabrics available, please contact us for more information.
*Not suitable on some models please ask.

ENDLESS POSSIBILITIES





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w: www.erascreens.com