



RAFTS, BAFFLES & LATTICES

Battling poor acoustics from above.

Rafts, baffles and lattices are a perfect acoustic solution for when wall space is limited and or when the room is very large. The big difference between a wall panel and the list above is that all sides are exposed, increasing the ability to absorb sound.

ALPHA BAFFLES

Alpha Baffles are a suspended acoustic baffle designed to absorb unwanted reverberation and echo.

A recommended product for when wall space is a premium and where a ceiling treatment is essential. Alpha Baffles come with a Tech Suspension Rail that connects to the baffle using a simple push fit fitting. The suspension rail comes with two adjustable sliding suspension fixings for ease of hanging.



Contact us for colour options!



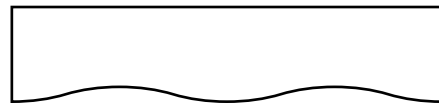
TECH SPECS

STANDARD SIZE

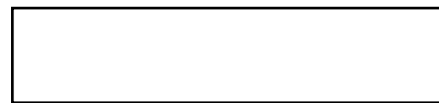
1200mm x 300mm x 12/24mm
 2400mm x 300mm x 12/24mm
 2750mm x 300mm x 12/24mm

*Made to measure

STANDARD SHAPES



OCEAN



RECTANGLE

FIRE SPECIFICATION

EN13501-:2007+A1:2009 B - s1, d0

COMPOSITION

65% Recycled PET Fibre | 35% Virgin Fibre

DENSITY

12mm 2.4KG/M2 - 24mm 4.8KG/M2

ACOUSTIC PERFORMANCE

CLASS A

RECOMMENDED SPACING

We recommend 100mm / 200mm / 300mm spacing between baffles. For acoustic data, please contact sales.

ALPHA FINS

Alpha Fins are available in both 12mm and 24mm thickness providing the design flexibility to reduce echo and reverberation with innovative acoustic design.

Acoustic fins can be cut, printed and formed into endless designs. Perfect for wall and ceiling finishes either as a highly functional acoustic solution or as a bespoke installation. Alpha Fins are attached to the wall and ceiling using Tech Suspension Rails that can be affixed directly to the wall.



Contact us for colour options!



TECH SPECS

STANDARD SIZE

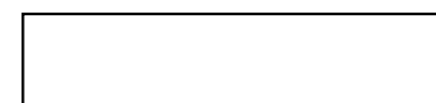
1200mm x 150mm x 12/24mm
 2400mm x 150mm x 12/24mm
 2750mm x 150mm x 12/24mm

*Made to measure

SANDARD SHAPES



OCEAN



RECTANGLE

FIRE SPECIFICATION

EN13501-:2007+A1:2009 B - s1, d0

COMPOSITION

65% Recycled PET Fibre | 35% Virgin Fibre

DENSITY

12mm 2.4KG/M2 - 24mm 4.8KG/M2

ACOUSTIC PERFORMANCE

CLASS A

RECOMMENDED SPACING

We recommend 50mm / 100mm spacing between fins. For acoustic data, please contact sales.

ABSORB RAFTS

Absorb hanging rafts are a high-quality Class A acoustic absorber.

Rafts are excellent at battling reverberation and echo and should be suspended directly above the noise source for optimal performance. The Absorb panel core is an open-cell 65% recycled PET panel which is lightweight and easy to suspend, finished in a wide range of industry-leading Camira fabrics or used in its raw material for a cost-effective solution. Absorb Rafts come with a built-in support structure for ease of installation and rigidity.



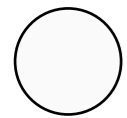
TECH SPECS

STANDARD SIZE

1200mm x 600mm x 50mm
1200mm x 1200mm x 50mm
2400mm x 1200mm x 50mm

*Made to measure

STANDARD SHAPES



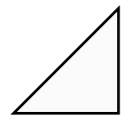
CIRCLE



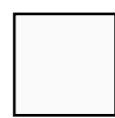
RECTANGLE



HEX



TRIANGLE



SQUARE

FIRE SPECIFICATION

ASTM E84-18a CLASS A

COMPOSITION

65% Recycled PET Fibre | 35% Virgin Fibre

DENSITY

4KG/M2

ACOUSTIC PERFORMANCE

CLASS A

RECOMMENDED SPACING

We recommend a minimum of 75mm spacing from the ceiling.

WAVE

Wave hanging baffles are a unique high-quality Class A acoustic absorber that adds interest to your acoustic design.

Wave baffles are manufactured with a MTech foam core and Blazer or Blazer Lite fabric finish. Wave can be suspended horizontally and vertically using Tech Materials corkscrew fixing kits. Baffles are excellent at battling reverberation and echo and should be suspended evenly apart at a distance of 300mm to maximise sound absorption.

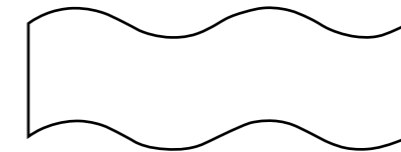


TECH SPECS

STANDARD SIZE

1500mm X 300mm X 50mm

STANDARD SHAPES



WAVE

FIRE SPECIFICATION

DIN EN 13501-1:2010 C - s2, d0

COMPOSITION

BASF BASOTECT G FOAM / FABRIC

DENSITY

9KG/M3

ACOUSTIC PERFORMANCE

CLASS A

RECOMMENDED SPACING

We recommend a 300mm spacing from the ceiling and each other.

PANGOLIN

The Pangolin is a unique class A acoustic lattice designed for auditoriums, stairwells and high ceilings.

The modular structure funnels sound through the scales and into the claws, offering a design led acoustic solution to reverberation and echo. Design inspiration has been taken from the endangered mammal with the same name. In return we are trying to raise awareness and donate towards their protection.



Contact us for colour options!



TECH SPECS

STANDARD SIZE

1400mm X 1400mm X 1500mm (DROP)

FIXINGS

4 x tech loop fixings / unit fitting instructions available on request

FIRE SPECIFICATION

EN13501-:2007+A1:2009 B - s1, d0

COMPOSITION

65% Recycled PET Fibre | 35% Virgin Fibre

WEIGHT

APPROX 13KG/ UNIT

ACOUSTIC PERFORMANCE

CLASS A

RECOMMENDED SPACING

We recommend a 300mm spacing from the ceiling.

CHEVRON

The Chevron suspended acoustic absorber has taken the design of a traditional hanging raft and improved its technical performance and design impact.

Chevron lattice is an excellent solution for open plan workspaces, boardrooms, rest areas and restaurants. Get creative with your interior design and ask Tech Materials to produce your Chevron in dual colour and or using printed panels. The design possibilities are endless!



Contact us for colour options!



TECH SPECS

STANDARD SIZE

1200mm X 2400mm X 300mm (DROP)

FIXINGS

6 x tech loop fixings / unit fitting instructions available on request

FIRE SPECIFICATION

EN13501-:2007+A1:2009 B - s1, d0

COMPOSITION

65% Recycled PET Fibre | 35% Virgin Fibre

WEIGHT

APPROX 12.5KG/ UNIT

ACOUSTIC PERFORMANCE

CLASS A

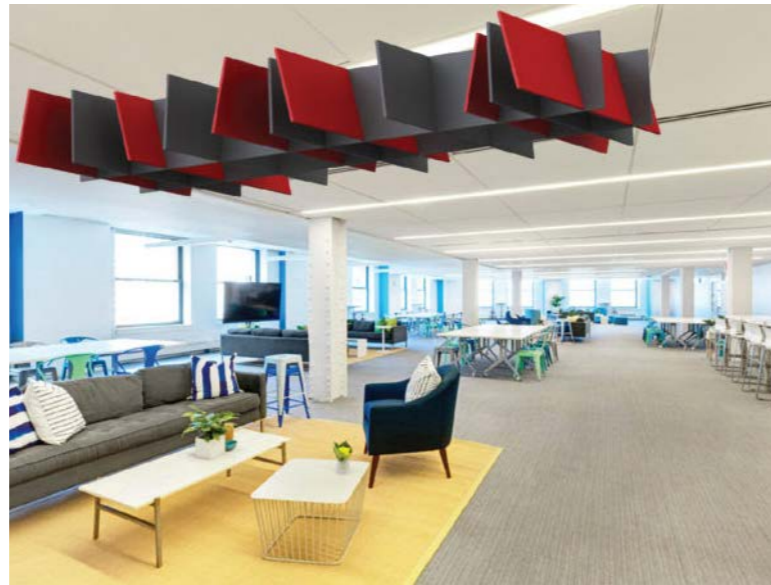
RECOMMENDED SPACING

We recommend a 300mm spacing from the ceiling.

ZONE

The Alpha Zone suspended acoustic absorber has taken a traditional hanging raft and zoned in on maximum acoustic absorption.

We have enhanced the acoustic properties by angling the cross sections towards the noise source. The Zone lattice, funnels and defuses sound energy through each fin of the absorber. Zone is an excellent solution for open plan offices, workspaces, large meeting rooms, rest areas and restaurants.



Contact us for colour options!



TECH SPECS

STANDARD SIZE

1550mm X 2400mm X 300mm (DROP)

FIXINGS

6 x tech loop fixings / unit

fitting instructions available on request

FIRE SPECIFICATION

EN13501-:2007+A1:2009 B - s1, d0

COMPOSITION

65% Recycled PET Fibre | 35% Virgin Fibre

WEIGHT

APPROX 17KG/ UNIT

ACOUSTIC PERFORMANCE

CLASS A

RECOMMENDED SPACING

We recommend a 300mm spacing from the ceiling.

POLO

The Polo raft is perfect for busy ceilings with sprinklers and smoke systems.

They are commonly installed alongside Echo- Geo rafts to overcome ceiling obstacles and to enhance the acoustic design. Polo hanging rafts are a high-quality Class A acoustic absorber available in 24mm PET / 50mm PET and fabric wrapped Mtech foam. Easy to install with the option of a single suspension point.



Contact us for colour options!



TECH SPECS

STANDARD SIZE

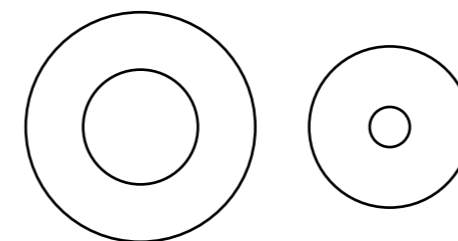
1200mm DIA x 600mm IN x 50mm T

600mm DIA x 100mm IN x 50mm T

1200mm DIA x 600mm IN x 24mm T

600mm DIA x 100mm IN x 24mm T

STANDARD SHAPES



BIG

SMALL

FIRE SPECIFICATION

ASTM E84-18a CLASS A

COMPOSITION

65% Recycled PET Fibre | 35% Virgin Fibre

DENSITY

4KG/M2

ACOUSTIC PERFORMANCE

CLASS A

RECOMMENDED SPACING

We recommend a minimum of 75mm spacing from the ceiling.

FINISH

Choose from 14 Alpha colours in 24mm and Camira / Trilogy fabrics for 50mm.

LOTUS

The Alpha Lotus suspended acoustic absorber has been designed for when creativity is a must.

These beautiful absorbers can be used in singles or grouped to create a colourful ceiling bouquet. Choose from fixing direct to the ceiling or suspended if space permits. Lotus absorbers are available in dual colours and or solid colour throughout.



Contact us for colour options!



TECH SPECS

STANDARD SIZE

470mm X 470mm X 410mm (DROP)

FIXINGS

3 x tech loop fixings / unit

Fitting instructions available on request

FIRE SPECIFICATION

EN13501-:2007+A1:2009 B - s1, d0

COMPOSITION

65% Recycled PET Fibre | 35% Virgin Fibre

WEIGHT

APPROX 12.5KG/ UNIT

ACOUSTIC PERFORMANCE

CLASS A / SET OF 4

RECOMMENDED SPACING

We recommend a 300mm spacing from the ceiling.

ALPHA RAFT

Alpha Rafts help battle reverberation and echo from above.

Add a new dimension to your interior space by suspending a choice of 6 geometric shapes and 14 solid colours in an endless amount of formations. Alpha Rafts are manufacture using 24mm PET panels in either a combination of 2 colours or a solid colour throughout. The adjustable suspension system allows you to suspend the rafts directly above the noise source delivering an excellent, finely tuned acoustic solution.

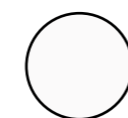


Contact us for colour options!

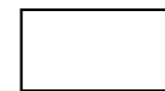


TECH SPECS

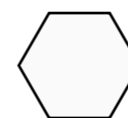
STANDARD SHAPES



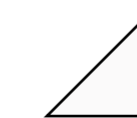
CIRCLE



RECTANGLE



HEX



TRIANGLE



SQUARE

OPTIONAL: PRINTED

FIXINGS

Tech loop fixings

Fitting instructions available on request

FIRE SPECIFICATION

EN13501-:2007+A1:2009 B - s1, d0

COMPOSITION

65% Recycled PET Fibre | 35% Virgin Fibre

WEIGHT

APPROX 4.8KG M2

ACOUSTIC PERFORMANCE

CLASS A

RECOMMENDED SPACING

We recommend a 300mm spacing from the ceiling.

ALPHA BATTEN

Alpha Battens are a cost effective timber effect acoustic baffle. Print endless wood textures to match your interior to create one of a kind acoustic solutions.

Choose from a selection of standard designs and sizes, or create your own by taking advantage of our CNC cutting equipment and UV printing facility. Alpha battens use a built in Tech Rail suspension system that includes a rail and two fixings for a quick and easy installation.



TECH SPECS

STANDARD SIZE

117mm x 2750mm x 75mm
117mm x 2400mm x 75mm
117mm x 1200mm x 75mm

FIXINGS

Built in Tech Rail & 2 Suspension Fixings as standard.

FIRE SPECIFICATION

EN13501-:2007+A1:2009 B - s1, d0

COMPOSITION

65% Recycled PET Fibre | 35% Virgin Fibre

DENSITY

12mm 2.4KG/M2

ACOUSTIC PERFORMANCE

CLASS A

RECOMMENDED SPACING

We recommend 100mm / 200mm / 300mm spacing between baffles. For acoustic data, please contact sales.

LATTICE

The Lattice is an ultra-modern, high performing acoustic product that offers outstanding absorption and visual impact.

The lattice reduces reverberation and echo by funnelling sound through a series of fins that have been spaced and angled to maximise absorption of unwanted noise. The Lattice is available in 14 colours that can be mixed and matched. You can also print unique designs onto the surface of the material to truly create a bespoke acoustic solution.

Contact us for a colour palette!



TECH SPECS

STANDARD SIZE

1200mm X 2400mm X 300mm
1200mm X 2700mm X 300mm

FIXINGS

6 X Loop Fixings
Fitting instructions available on request

FIRE SPECIFICATION

EN13501-:2007+A1:2009 B - s1, d0

COMPOSITION

65% Recycled PET Fibre | 35% Virgin Fibre

WEIGHT

APPROX 12.5KG/ UNIT

ACOUSTIC PERFORMANCE

CLASS A

RECOMMENDED SPACING


We recommend a 300mm spacing from the ceiling.



**We exist to design, manufacture
and supply the future of interior
acoustic products.**

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