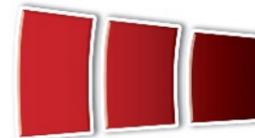


SERENITY ACOUSTIC SOLUTIONS

Where Acoustic Comfort Is Not A Luxury



movingdesigns LIMITED

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sales@movablewall.co.uk

Unit 5, Station Ind Est | Oxford Road | Wokingham | Berkshire | RG41 2YQ



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

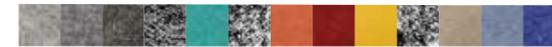
We recommend 100mm / 200mm / 300mm spacing between baffles. For acoustic data, please contact sales.

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. Adjustable sliding suspension fixings for ease of hanging.

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

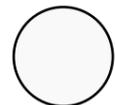
1200mm x 600mm x 50mm

1200mm x 1200mm x 50mm

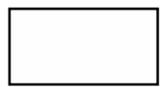
2400mm x 1200mm x 50mm

*Made to measure

STANDARD SHAPES



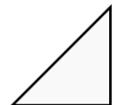
CIRCLE



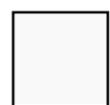
RECTANGLE



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 an M Tech 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.

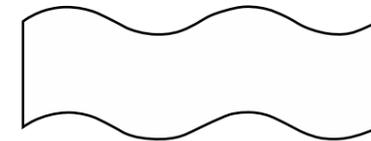


TECH SPECS

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 for your Chevron to be produced 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 M tech foam. Easy to install with the option of a single suspension point.



Contact us for colour options!



TECH SPECS

STANDARD SIZE

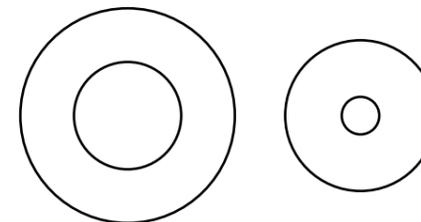
1200mm DIA x 600mm IN x 50mm T

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 manufactured 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!

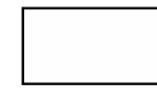


TECH SPECS

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 colour options!



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

N13501-: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.



ACOUSTIC FURNITURE

Beautifully functional.

By designing the acoustic solution into the fabric of your interior design, you can help to reduce project cost and improve room aesthetics. Tech Materials manufacture a range of acoustic products that have been designed to absorb unwanted noise created in the hustle and bustle of offices.

AVALANCHE

Avalanche suspended acoustic dividers are a lightweight, semi-ridged, decorative acoustic screen manufactured with solid colour throughout.

They are typically used to improve both the creativity and acoustic performance of interior spaces. Avalanche screens help to improve user privacy and layout of open offices while retaining free flowing workspaces and ease of communication.



FRACTURE

Contact us for colour options!



TECH SPECS

STANDARD SIZE

1200mm x 2400mm x 12/24mm

1200mm x 2700mm x 12/24mm

MAX: 2700mm x 1200mm

FAVOURITES



DAZE

WOODLAND

FLOW

Choose from over 20 standard designs. Or design your own!

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

DIFFERS WITH DESIGN

RECOMMENDED FIXING

Screens can be suspended directly from the ceiling, suspended from wires and fixed from both ends.

AVALANCHE SCREEN DESIGNS



WAVE



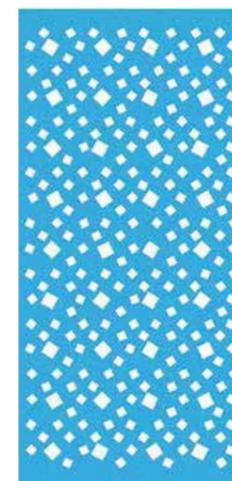
WEAVE



CROSS



FOREST



ABSTRACT



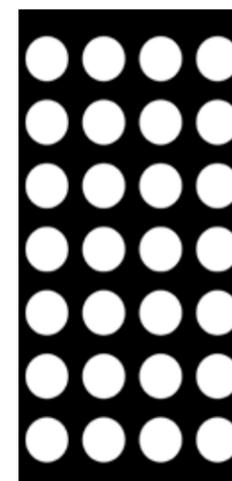
DAZE



WOODLAND



FRACTURE



ILLUSION



FLOW



MAZE



SOLAR

FLEX

Flex suspended acoustic dividers are a lightweight, semi-ridged, decorative acoustic screen manufactured to offer improved acoustic performance.

Flex suspended screens are typically used to improve both the creativity and acoustic performance of interior spaces. Where the Avalanche screens have designs cut out of the material, the flex addition allows you to push the shape to one side. Helping to improve acoustic performance.



ARMADILLO

Contact us for colour options!



TECH SPECS

STANDARD SIZE

1200mm x 2400mm x 12

MAX: 2700mm x 1200mm

FIRE SPECIFICATION

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

COMPOSITION

65% Recycled PET Fibre | 35% Virgin Fibre

DENSITY

12mm 2.4KG/M2 -

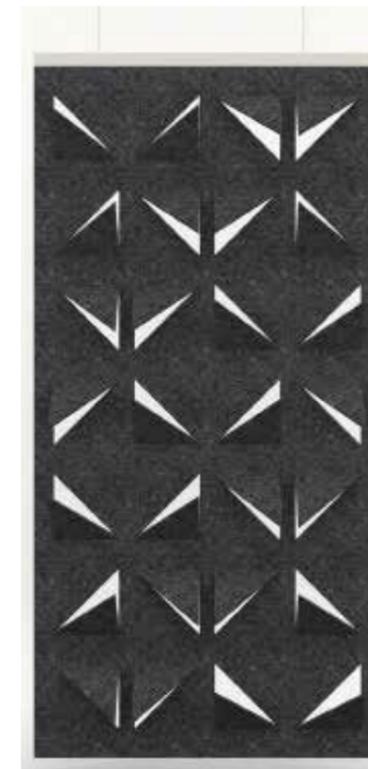
ACOUSTIC PERFORMANCE

DIFFERS WITH DESIGN

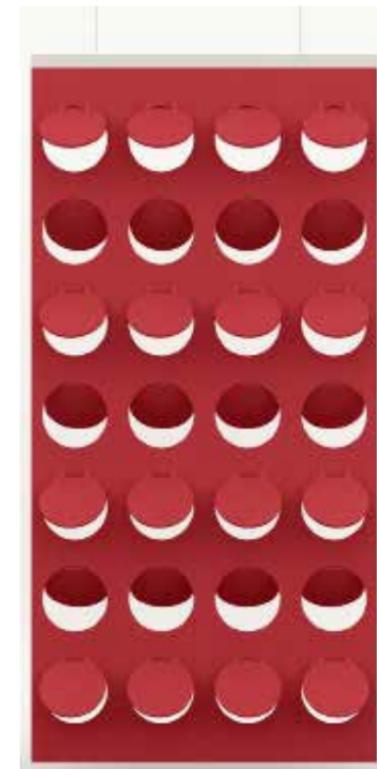
RECOMMENDED FIXING

Screens can be suspended directly from the ceiling, suspended from wires and fixed from both ends.

FLEX SCREEN DESIGNS



FLUTTER



CIRCLES



ARROW



ARMADILLO

DESK TECH FOLD

DeskTech dividers help to absorb sound energy produced from the desk user.

They are a quick and easy solution to improve telephone conversations and office acoustics. DeskTech products are manufactured from Alpha PET sheets which allow full design flexibility and customisation, ensuring the perfect fit. Choose from a range of 14 colours, printed designs and water jet cut features such as logos and name places.



Contact us for colour options!



TECH SPECS

STANDARD SIZE

1200mm x 600mm x 12/24mm

MAX: 2800mm x 1200mm (12mm)

MAX: 2700mm x 1200mm (24mm)

CUSTOM DESIGN

Tech Materials can help design custom solutions to ensure the best fit for your desk.

We also offer logo cutting and bespoke designs.

FIRE SPECIFICATION

EN13501-:2007+A1:2009 s1, d0

COMPOSITION

65% Recycled PET Fibre | 35% Virgin Fibre

DENSITY

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

ACOUSTIC PERFORMANCE

DIFFERS WITH DESIGN

RECOMMENDED FIXING

Tech Materials offer side, middle and rear desk mounts for 12mm divider solutions. We also offer slide on solutions and free standing designs.

PINIT

PinIt is a highly versatile acoustic pin board solution.

Available in a generous size of 1225mm x 2800mm for floor to ceiling coverage, PinIt provides the design flexibility to create innovative solutions to reverberation and echo with a practical use. PinIt can be cut, printed and formed for full customisation.



Contact us for colour options!



TECH SPECS

STANDARD SIZE

1200mm x 600mm x 12/24mm (40mm Rad)

1200mm x 1200mm x 12mm/24mm (40mm Rad)

1200mm x 2400mm x 12mm/24mm (40mm Rad)

PINIT CHAMELEON

Pin It Chameleon: Blend your pin-board into its surroundings with PinIt Chameleon. Print unique textures directly onto your pin-board for maximum interest.

PINIT SHAPE

Turn your pin-board in the world map or company logo by cutting it into unique shapes.

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

DIFFERS WITH DESIGN

RECOMMENDED FIXING

Bond your pin board direct to the wall with grab adhesive for a permanent fixture. Alternatively, use stand off fixings or standard screws to fix your board to the wall.

ORCHARD

Orchard is a free standing acoustic tree that traps reverberation and echo. Make your interior one of a kind and grow your own orchard.

Bring the outside in for wellbeing and acoustic comfort. We are big believers in biophilic design. The Orchard allows you to design a creative acoustic solution with beautiful aesthetics. Capture reverberation and echo in the branches while making a focal point in your interior.



Contact us for colour options!



TECH SPECS

STANDARD SIZE

2000mm x 1234mm (12mm Thick)

FIRE SPECIFICATION

EN13501-:2007+A1:2009 s1, d0

COMPOSITION

65% Recycled PET Fibre | 35% Virgin Fibre

DENSITY

12mm 2.4KG/M2

ACOUSTIC PERFORMANCE

Class A

RECOMMENDED SPACING

Free standing.

STANDING ALPHA

Visually and physically dividing up the space of an office or work place.

Standing Alpha is a free-standing partition that offers superb absorptive qualities improving the sound quality of a space, as well as blocking the ambient sound of an open plan office. Standing Alpha can be easily moved around a space to create new dynamic working environments, these spaces offer a superior soundscape.



Contact us for colour options!



TECH SPECS

STANDARD SIZE

LENGTH: 1850mm

WIDTH: 1200mm

THICKNESS: 24mm

FEET: 500mm

CUSTOMISATION

We offer 14 standard / dual colours and a custom logo cutting service to help raise your brand awareness and interior design.

FIRE SPECIFICATION

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

COMPOSITION

65% Recycled PET Fibre | 35% Virgin Fibre

DENSITY

10KG / UNIT

ACOUSTIC PERFORMANCE

CLASS A

RECOMMENDED FIXING

That's the thing, you don't need any!



ACOUSTIC ARTWORK

Printed solutions.

Acoustic Artwork helps to improve brand awareness, creativity and user well-being in a wide range of environments. Tech Materials can print any image directly onto acoustic panels using in-house flat-bed printers. Designs can be printed onto single panels sized up to 1225mm x 2800mm or across multiple panels to maximise wall coverage.

ALPHA PRINT

Alpha Print is available in many shapes and sizes.

Moving Designs can print any image directly onto Alpha acoustic panels using in-house UV flat-bed printers. Designs can be printed onto single panels sized up to 1225mm x 2800mm x (12mm /24mm /50mm) or across multiples to maximise wall coverage. Replace traditional non acoustic wall art with printed acoustic panels to help improve creativity and acoustic performance of your interior.



CHAMELEON

Blend your acoustics into their surroundings with Alpha Chameleon.

Print unique textures directly on to Alpha and turn it into a floor to ceiling acoustic covering. Alpha Chameleon allows you to cover your walls with seemingly non-acoustic materials with a highly absorbent printed wall cladding. Change the material of your wall or ceiling by covering it with a Alpha Chameleon acoustic panels!

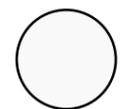


PARQUET

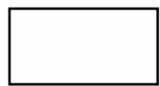
TECH SPECS

STANDARD SIZE

1200mm X 600mm X 12/24/50mm
1200mm X 1200mm X 12/24/50mm
1200mm X 2400mm X 12/24/50mm
MAX: 1225mm X 2800mm X 12mm



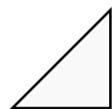
CIRCLE



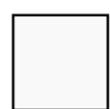
RECTANGLE



HEX



TRIANGLE



SQUARE

FIRE SPECIFICATION

EN13501-:2007+A1:2009 s1, d0

COMPOSITION

65% Recycled PET Fibre | 35% Virgin Fibre

DENSITY

12mm 2.4kg | 12mm 4.8kg |50mm 8kg

ACOUSTIC PERFORMANCE

CLASS D/A

RECOMMENDED FIXING

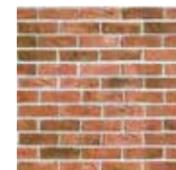
Bond your artwork direct to the wall with grab adhesive for a permanent fixture. Alternatively, we can supply panels with a easy peel self-adhesive backing.

TECH SPECS

STANDARD SIZE

1225mm x 2800mm x 12mm

TEXTURES



BRICK



PINE



PARQUET

FIRE SPECIFICATION

EN13501-:2007+A1:2009 s1, d0

COMPOSITION

65% Recycled PET Fibre | 35% Virgin Fibre

DENSITY M2

6mm 1.2KG / 12mm 2.4KG / 24mm 4.8KG

ACOUSTIC PERFORMANCE

CLASS 5 (50mm Air Gap)

RECOMMENDED FIXING

Bond your wall panels direct to the wall with grab adhesive for a permanent fixture. Alternatively, use a self-adhesive backing for a quick and easy installation.

ECHO PRINT

Echo Print is a class A acoustic artwork solution that comes with a self-adhesive backing for quick and easy installation.

Echo Print helps to improve brand awareness, creativity and user well-being in a wide range of environments. Moving Designs- can print any image directly onto Echo panels using our in-house flat-bed printer. Designs can be printed onto single panels or across multiple panels to maximise wall coverage.

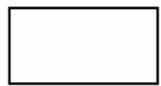


TECH SPECS

STANDARD SIZE

- 600mm x 600mm x 50mm
- 1200mm X 600mm X 50mm
- 1200mm X 1200mm X 50mm
- 1200mm X 2000mm X 50mm
- MAX: 1200mm x 2000mm x 50mm

STANDARD SHAPES



RECTANGLE



SQUARE

FIRE SPECIFICATION

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

COMPOSITION

BASF BASOTECT G FOAM / FABRIC

DENSITY

9KG/M3

ACOUSTIC PERFORMANCE

CLASS A

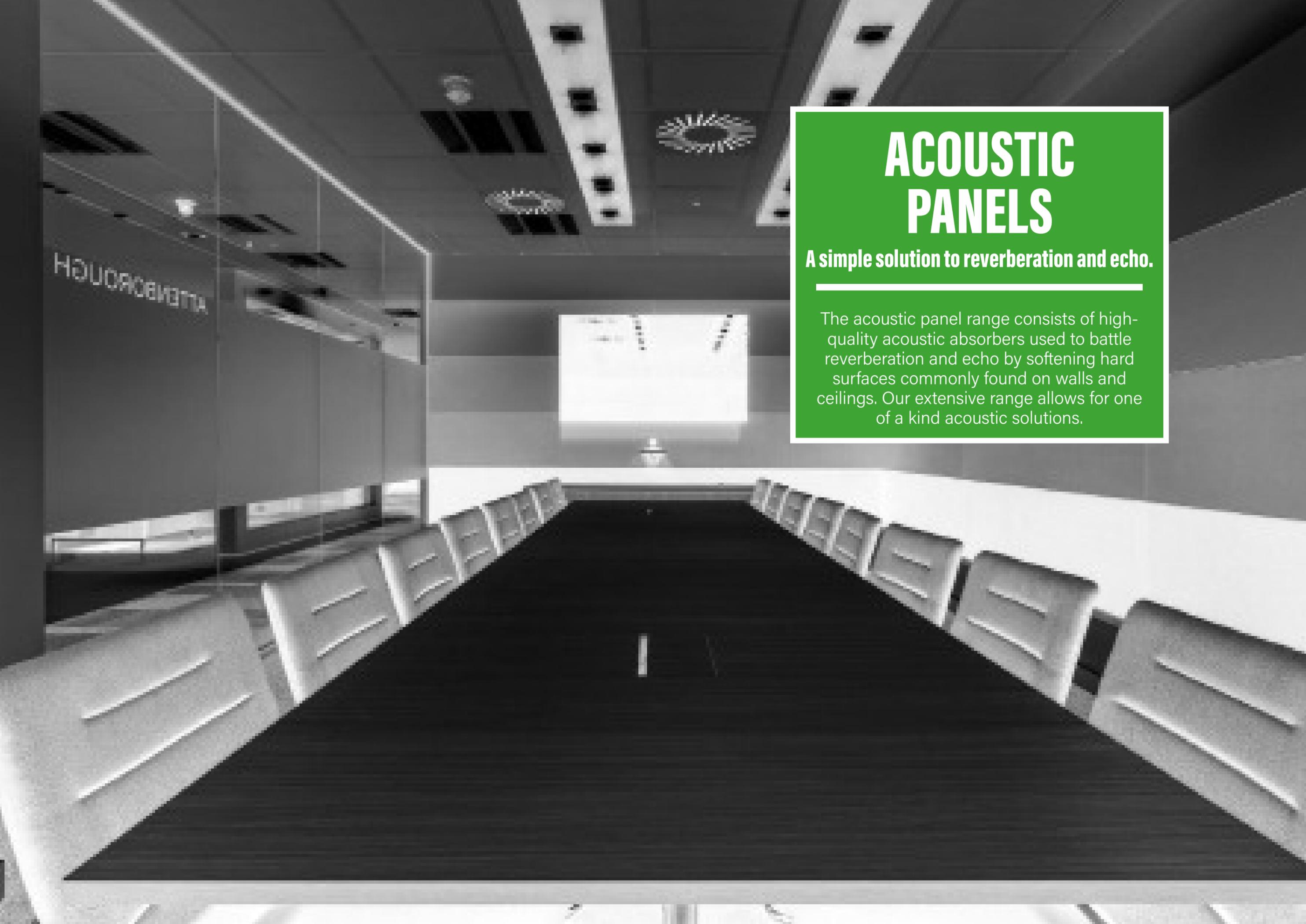
RECOMMENDED FIXING

Bond your wall panels direct to the wall with grab adhesive for a permanent fixture. Alternatively, use a self-adhesive backing for a quick and easy installation.

CREATIVITY

Printed acoustic panels can help improve users creativity and productivity. By creating working environments that enhance user well-being you can also attract talent into your workforce by making your offices more enticing than your competitors!



A black and white photograph of a modern conference room. The room features a long, dark conference table surrounded by chairs. The walls are covered in acoustic panels, and the ceiling has recessed lighting and circular acoustic treatments. A large screen is visible at the far end of the room. The overall atmosphere is professional and functional.

ACOUSTIC PANELS

A simple solution to reverberation and echo.

The acoustic panel range consists of high-quality acoustic absorbers used to battle reverberation and echo by softening hard surfaces commonly found on walls and ceilings. Our extensive range allows for one of a kind acoustic solutions.

ECHO PANEL

Echo acoustic panels offer a practical and cost-effective treatment to reverberation and echo.

They are simple to install with an easy-peel self-adhesive backing designed to grab onto walls and ceilings with little to no fuss. Echo Panels are a class A acoustic absorber available in a range of Camira and Muraspec fabrics. ECHOEO panels are Tech Materials range of geometric acoustic panels that help improve the creativity of your acoustic solution. All panels can be made to custom sizes.



ECHO GEO

Echo acoustic panels offer a practical and cost-effective treatment to reverberation and echo.

ECHO GEO panels are Moving Designs range of geometric acoustic panels that help improve the creativity of your acoustic solution. All panels can be made to custom sizes.



TECH SPECS

STANDARD SIZE

- 1200mm x 600mm x 50mm
- 1200mm x 1200mm x 50mm
- 1200mm x 2000mm x 50mm
- MAX: 1250mm x 2000mm x 100mm

STANDARD SHAPES



RECTANGLE



SQUARE

FIRE SPECIFICATION

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

COMPOSITION

BASF BASOTECT G FOAM / FABRIC

DENSITY

9KG/M3

ACOUSTIC PERFORMANCE

CLASS A

RECOMMENDED FIXING

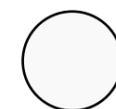
Bond your panels direct to the wall with grab adhesive for a permanent fixture. Alternatively, we can supply panels with a easy peel self-adhesive backing.

TECH SPECS

STANDARD SIZE

- 300mm x 300mm x 50mm / 100mm
- 600mm x 600mm x 50mm / 100mm
- 1200mm x 1200mm x 50mm / 100mm
- Custom: On Application

STANDARD SHAPES



CIRCLE



HEX



TRIANGLE

FIRE SPECIFICATION

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

COMPOSITION

BASF BASOTECT G FOAM / FABRIC

DENSITY

9KG/M3

ACOUSTIC PERFORMANCE

CLASS A

RECOMMENDED FIXING

Bond your panels direct to the wall with grab adhesive for a permanent fixture. Alternatively, we can supply panels with a easy peel self-adhesive backing.

ALPHA TILE

Alpha Tile is a decorative wall-mounted acoustic panel used to control reverberation and echo.

Alpha Tile is available in a range of geometric shapes and a variety of sizes allowing you to create bold design statements with limitless layout options. Tiles supplied with a self-adhesive backing for quick and easy installation, providing an affordable acoustic solution with infinite design possibilities. Mix and match Tech Materials and colour range and choose from a straight cut edge or a 45-de chamfer to suit your environment.



Contact us for colour options!



ETCH

Alpha Etch acoustic panels are a recycled polyester acoustic wall covering combining design, colour and texture.

Available in 4 patterns or Etched to your custom design. Alpha Etch can be supplied with a self-adhesive backed for overlaying directly to your chosen surface. The panels are supplied in 1200mm x 2780mm sheets in 12mm for a seamless floor to ceiling coverage. Panels can be cut to size to ensure that perfect fit.



Contact us for colour options!

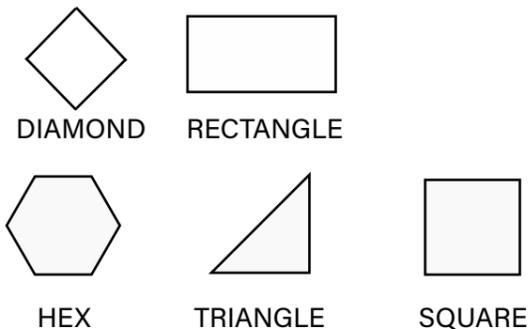


TECH SPECS

STANDARD SIZE

Please contact sales for our size guide.

STANDARD SHAPES



FIRE SPECIFICATION

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

COMPOSITION

65% Recycled PET Fibre | 35% Virgin Fibre

DENSITY M2

12mm 2.4KG

ACOUSTIC PERFORMANCE

CLASS C/A

RECOMMENDED FIXING

Bond your panels direct to the wall with grab adhesive for a permanent fixture. Alternatively, we can supply panels with a easy peel sel adhesive backing. For best acoustic results use 25mm/ 50mm stand-offs.

EDGE FINISH

Stright or 45-de Chamfer

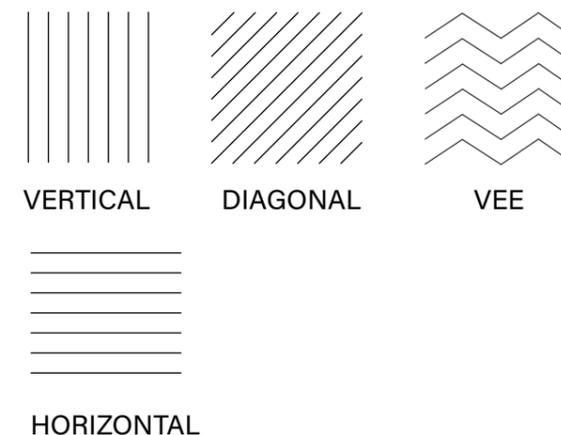
TECH SPECS

STANDARD SIZE

1200mm x 2780mm x 12mm

Custom: On Application

STANDARD DESIGNS



FIRE SPECIFICATION

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

COMPOSITION

65% Recycled PET Fibre | 35% Virgin Fibre

DENSITY M2

12mm 2.4KG / 24mm 4.8KG

ACOUSTIC PERFORMANCE

CLASS C/A

RECOMMENDED FIXING

Bond your wall panels direct to the wall with grab adhesive for a permanent fixture. Alternatively, use a self-adhesive backing for a quick and easy installation.

FABRIX

Alpha Fabrix is a 100% recyclable PET acoustic sheet fabric wrapped in a wide range of industry leading fabrics.

Fabrix panels are available in a maximum size of 1225mm x 2800mm x 24mm allowing for floor to ceiling coverage without the need for joints commonly found when using 1220mm x 2440mm panels. Select a fabric to match your office furniture and/or brand to help improve user creativity and corporate image. We have identified the perfect density that offers a great balance between acoustic performance and ease of installation.



ALPHA WALL

Alpha wall cladding is an ultra-versatile acoustic product used to manufacture a wide range of acoustic wall solutions.

Alpha Panels have been manufactured using 65% post-consumer recycled fibres and is 100% recyclable. The recycled PET fibres are prominently sourced from bottles and other recyclable PET consumables. We manufacture Alpha sheets in 14 colours and thicknesses of 12/24mm, all stocked and converted in our factory. Alpha Wall Cladding is a perfect solution when bonding over hard substrates to create a unique acoustic wall cover.



Contact us for colour options!



TECH SPECS

STANDARD SIZE

1200mm x 2750mm x 24mm

STANDARD FABRIC

- Blazer Lite
- Synergy
- Trilogy
- Blazer
- Cara
- Lucia

FIRE SPECIFICATION

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

COMPOSITION

65% Recycled PET Fibre | 35% Virgin Fibre

DENSITY M2

12mm 2.4KG / 24mm 4.8KG

ACOUSTIC PERFORMANCE

CLASS C/A

RECOMMENDED FIXING

Bond your wall panels direct to the wall with grab adhesive for a permanent fixture. Alternatively, use a self-adhesive backing for a quick and easy installation.

TECH SPECS

STANDARD SIZE

1225mm x 2800mm x 12mm

1200mm x 2750mm x 24mm

CONVERSION OPTIONS

01. WATER JET CUTTING
02. UV PRINTING
03. LAMINATING DUAL COLOURS
04. ETCHING

FIRE SPECIFICATION

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

COMPOSITION

65% Recycled PET Fibre | 35% Virgin Fibre

DENSITY

24mm 2.4KG / 24mm 4.8KG

ACOUSTIC PERFORMANCE

CLASS A (50mm Air Gap)

RECOMMENDED FIXING

Bond your panels direct to the wall with grab adhesive for a permanent fixture. Alternatively, we can supply panels with a easy peel self-adhesive backing.

ALPHA INSPIRE

Alpha Inspire creates a focal point to any interior. The creative wall covering is easy to install with a symmetrical design and self-adhesive backing.

Alpha Inspire is the perfect solution when building a feature wall in offices, boardrooms, lobby's and spaces alike. Inspire panels are usually overlaid Alpha Wall panels of a contrasting colour to help create a design led interior that inspires creativity and acoustic comfort. The innovative wall tile is manufactured from recycled PET fibres for a sustainable, eco conscious acoustic specification.



Contact us for colour options!



TECH SPECS

STANDARD SIZE

600mm x 600mm x 12mm

DESIGNS



SYMMETRY



PEBBLES



FLORAL

FIRE SPECIFICATION

EN13501-1:2007+A1:2009 B -s1, d0

COMPOSITION

65% Recycled PET Fibre | 35% Virgin Fibre

DENSITY M2

12mm 2.4KG

ACOUSTIC PERFORMANCE

CLASS B (When using with 12mm Alpha Wall Cladding)

RECOMMENDED FIXING

Bond Inspire panels direct to the wall or on top of Alpha Wall panels using a self-adhesive backing for a quick and easy installation.

MTECH PYRAMID

M Tech Pyramid tiles are manufactured using BASOTECT G melamine foam. Boasting high noise absorption and high fire prevention qualities.

M Tech Pyramids are well suited for cases where high fire prevention qualities and excellent sound absorption are required. M tech is an open-pore melamine foam that helps to ensure pleasant room acoustics, even when retrofitted. M tech can be used in it's 'raw' state.



TECH SPECS

STANDARD SIZE

525mm x 525mm x 100mm

Base: 25mm

Rise: 75mm

PERFECT FOR...

- Rehearsal rooms
- Recording Studios
- Aniconic Chambers
- Industrial halls
- Electronics Industry

FIRE SPECIFICATION

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

COMPOSITION

BASF BASOTECT G FOAM / FABRIC

DENSITY

9KG/M3

ACOUSTIC PERFORMANCE

CLASS A

RECOMMENDED FIXING

Bond your panels direct to the wall with grab adhesive for a permanent fixture. Alternatively, we can supply panels with a easy peel self-adhesive backing.

TECHTILE

TechTile is a high-performing acoustic wedge tile. Manufactured in the UK from open-cell foam, ideal for home recording and media rooms.

TechTile effectively kills standing waves and floating echoes. When used in conjunction with bass traps, they can effectively tame acoustical issues in any room. The anechoic wedge shape provides superior sound absorption properties.



TECH SPECS

STANDARD SIZE

300mm x 300mm x 50mm

*Custom Sizes Available

APPLICATIONS INCLUDE

- Home and commercial recording studio
- Wall linings
- Media rooms (radio, podcast, etc)
- Applications to music rooms
- Home office
- Control rooms

COMPOSITION

Open cell polyurethane acoustic foam

ACOUSTIC PERFORMANCE

CLASS C/B

RECOMMENDED FIXING

Bond your wall panels direct to the wall with contact adhesive for a permanent fixture.

FIRETECH PROFILE

FireTech profile is a highly modified flexible open-cell polyurethane foam. This versatile acoustic foam's performance is increased by profiling its surface (often called egg box profile).

Used as an acoustic sound absorber offering excellent absorption characteristics, especially in the troublesome low frequencies, whilst achieving the highest possible fire resistance ratings for a flexible acoustic foam. FireTech Profile is a chemically inert product that will not dust or migrate, even when subjected to high-velocity airflows. Tested at 10000 fpm for 4 hours. ASTM C 1071-05 12.7 Pass. Therefore ideal for building ventilation and HVAC systems.



TECH SPECS

STANDARD SIZE

1000mm x 1000mm x 50mm

1000mm x 1200mm x 50mm

*Custom Sizes Available

KEY FEATURES

- Increased acoustic performance due to profiling
- Class O Fire classification (non-flammable product)
- Self Adhesive backing (option)
- Used to reduce reverberation and echo
- Excellent performance in ventilation and HVAC
- Black in colour
- Easy to install
- Density (Kg/m3) : 80 - 105

FIRE SPECIFICATION

BS476 - Class 0

COMPOSITION

Class 0 - PU Foam

DENSITY

90-105 Kg/M3

ACOUSTIC PERFORMANCE

CLASS C

RECOMMENDED FIXING

Bond your panels direct to the wall with grab adhesive for a permanent fixture. Alternatively, we can supply panels with a easy peel self-adhesive backing.



ACOUSTIC MATERIALS

The important stuff you need to know.

Here you will find acoustic test data, fire test data, colour options, additional design options and more on all of our raw materials. If you can't find what you are looking for please contact the Sales team.

ALPHA

Alpha an ultra-versatile acoustic product used to manufacture a wide range of acoustic solutions.

Alpha Panels have been manufactured using 65% post-consumer recycled fibres and is 100% recyclable. The recycled PET fibres are prominently sourced from bottles and other recyclable PET consumables. Panels are made by compressing FR oil-free PET fibres which go through a spinning, punching and baking process. We have identified the perfect density that offers a great balance between acoustic performance and rigidity. We manufacture Alpha sheets in 14 colours and thicknesses of 12/24mm, all stocked and converted in our factory.



TECH SPECS

STANDARD SIZE

1225mm x 2800mm x 12mm

1200mm x 2750mm x 24mm

FEATURES AND BENEFITS

- 2.8m long panels for joint free floor to ceiling coverage
- Available in a range of neutral and bright colours
- Easily fabricated and installed
- Digitally printable
- Impact resistant
- Lightweight and easy to hang
- Safe, non-toxic and non-irritant
- Manufactured under ISO 9001
- Long lasting and hard-wearing

FIRE SPECIFICATION

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

ASTM E84-2019 B Class A

COMPOSITION

65% Recycled PET Fibre | 35% Virgin Fibre

WEIGHT M2 12mm 2.4kg | 24mm 4.8kg

VOC EMISSIONS <0.02mg/M2

FORMALDEHYDE 0.00 UG/G

OKEO TEX STANDARD 100 - CLASS 1

RECYCLABLE CONTENT 100%

ACOUSTIC RATING CLASS D/A

CUTTING TOLERANCE +/- 2mm

ALPHA COLOUR OPTIONS



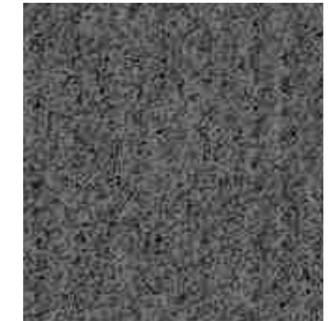
ICE WHITE



SLATE GREY



CHARCOAL GREY



BLACK



OPAL



SAND



SOFT BLUE



TEAL



YELLOW



ORANGE



FUZZY GREEN



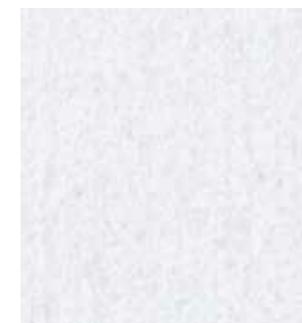
CHERRY RED



MIDNIGHT BLUE



DEEP BLUE



WHITE

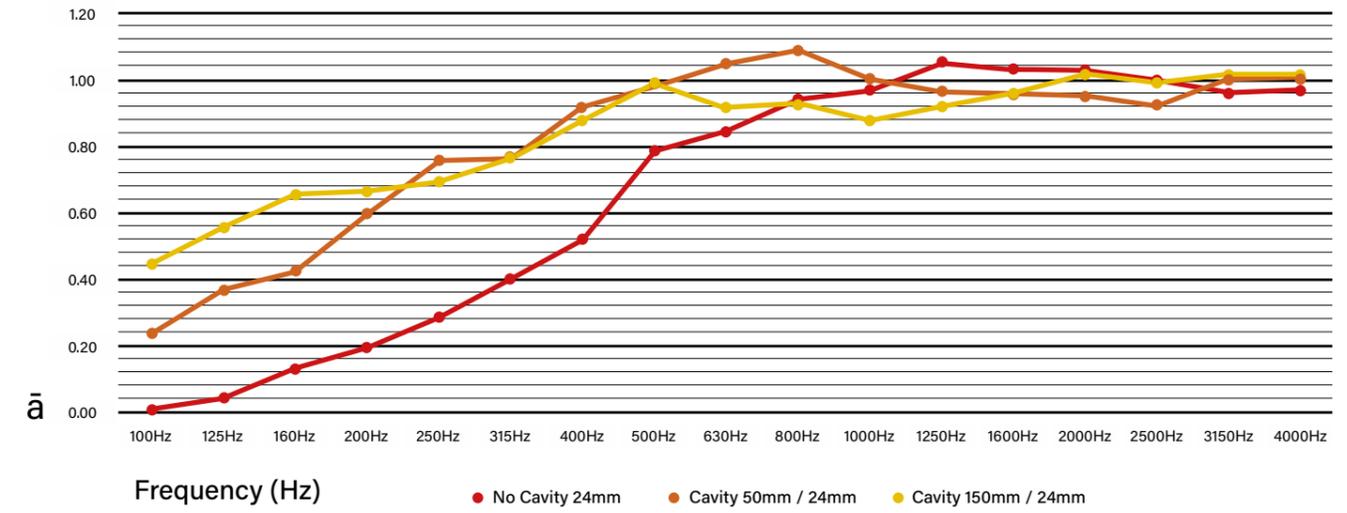
ALPHA 12mm ACOUSTIC DATA

Acoustic Test Report Alpha



ALPHA 24mm ACOUSTIC DATA

Acoustic Test Report Alpha



12mm Data																		
Frequency	100Hz	125Hz	160Hz	200Hz	250Hz	315Hz	400Hz	500Hz	630Hz	800Hz	1000Hz	1250Hz	1600Hz	2000Hz	2500Hz	3150Hz	4000Hz	NRC
No Cavity / 12mm	0.03	0.01	0.09	0.04	0.05	0.09	0.12	0.25	0.32	0.49	0.61	0.71	0.82	0.85	0.91	0.94	0.95	0.45
Cavity 50mm / 12mm	0.20	0.16	0.22	0.32	0.46	0.56	0.63	0.80	0.89	1.03	1.04	0.99	1.07	1.00	0.93	0.87	0.92	0.80
Cavity 150mm / 12mm	0.29	0.46	0.44	0.57	0.68	0.81	0.97	0.96	0.91	1.04	0.92	0.80	0.94	0.94	0.91	0.90	0.91	0.90

24mm Data																		
Frequency	100Hz	125Hz	160Hz	200Hz	250Hz	315Hz	400Hz	500Hz	630Hz	800Hz	1000Hz	1250Hz	1600Hz	2000Hz	2500Hz	3150Hz	4000Hz	NRC
No Cavity / 24mm	0.01	0.04	0.13	0.19	0.28	0.39	0.52	0.78	0.85	0.94	0.96	1.04	1.03	1.01	0.98	0.96	0.97	0.75
Cavity 50mm / 24mm	0.25	0.36	0.42	0.61	0.77	0.77	0.92	0.98	1.04	1.09	1.00	0.97	0.97	0.96	0.93	1.00	0.99	0.90
Cavity 150mm / 24mm	0.45	0.55	0.64	0.66	0.69	0.77	0.88	0.99	0.90	0.92	0.86	0.90	0.97	1.00	0.97	0.99	1.00	0.90

ABSORB

Soak up all the unwanted reverberation and echo with Absorb, a 100% PET panel designed to offer superior sound absorption.

Absorb is a highly functional acoustic material intended to be used as acoustic panels, baffles and rafts. Due to the crisp white finish, you can benefit from a highly affordable acoustic solution that blends into the surroundings. However, if you are looking to design a truly bespoke product, Absorb lends itself to shaping, fabric wrapping and UV printing. Sheets are produced from a minimum of 60% recycled PET fibre and are available in a generous size of 1220mm x 2440mm x 50mm.



ABSORB 50mm ACOUSTIC DATA

Acoustic Test Report 50mm Absorb



50mm Data																				
Frequency	80Hz	100Hz	125Hz	160Hz	200Hz	250Hz	315Hz	400Hz	500Hz	630Hz	800Hz	1000Hz	1250Hz	1600Hz	2000Hz	2500Hz	3150Hz	4000Hz	α _a	NRC
No Cavity / 50mm	0.07	0.17	0.31	0.28	0.41	0.58	0.76	0.94	1.08	1.11	1.10	1.11	1.08	1.04	1.04	0.94	0.98	1.04	0.93	0.95

TECH SPECS

STANDARD SIZE

1200mm x 600mm x 50mm

1200mm x 1200mm x 50mm

1200mm x 2400mm x 50mm

MAX: 1220mm x 2440mm x 50mm

FEATURES AND BENEFITS

- Class A acoustic performance
- Flame retardant
- Ridged
- Perfect for UV printing
- Easy to work with
- Perfect for rafts

FIRE SPECIFICATION ASTM E84-18a CLASS A

ACOUSTIC RATING CLASS A

COMPOSITION 100% PET | 60% Recycled PET Fibre

CUTTING TOLERANCE +/- 2mm

DENSITY 4KG M2 +/-5%

MELTING POINT 230C~250C

FUNGUS RESISTANT EXCELLENT

THERMAL CONDUCTIVITY 0.034 W/m-K

COLOUR White

ECHO

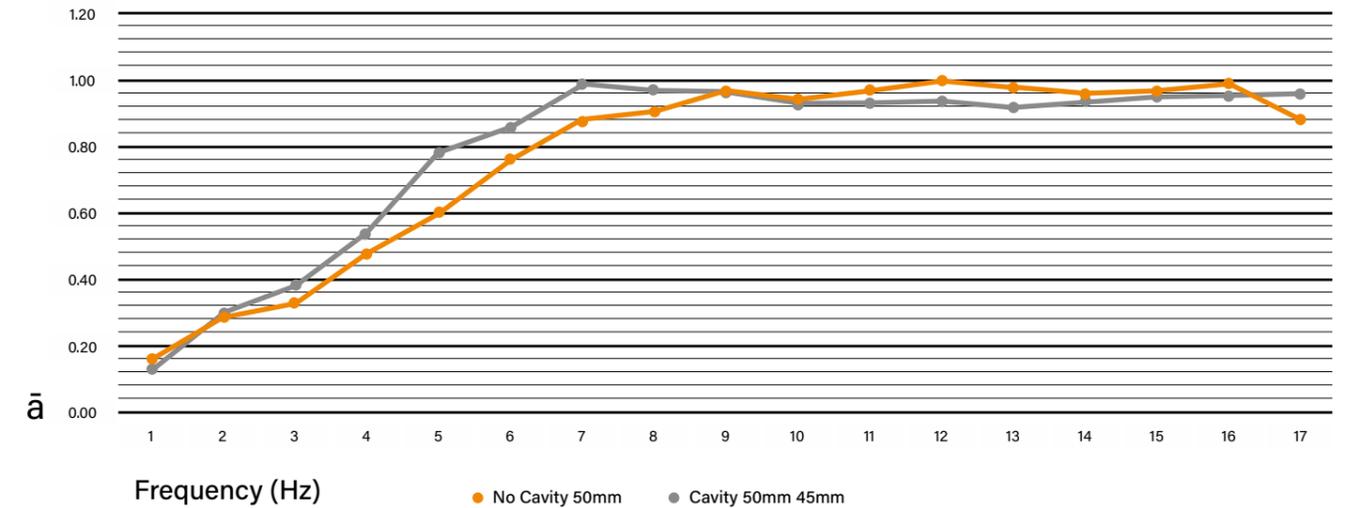
The Echo range consists of high-quality fabric wrapped melamine foam acoustic absorbers used to reduce reverberation and echo.

Echo products are manufactured with an M tech melamine foam core fabric wrapped in industry-leading Camira fabrics. Echo is a highly functional acoustic product range recommended where space is a premium and absorption is critical. By using an open-cell melamine polymer we can manufacture a lightweight fibreglass free product perfect for fabric wrapping in over 100 fabrics.



ECHO ACOUSTIC DATA

Acoustic Test Report ECHO



TECH SPECS

STANDARD SIZE

MAX: 1250mm x 2000mm x 100mm

FEATURES AND BENEFITS

- Class A acoustic performance
- Flame retardant
- Lightweight
- No toxic fibres!
- Self-adhesive backing
- Available in over 100 fabrics
- Sticks to ceilings and walls

FIRE SPECIFICATION

DIN EN 13501-1:2010: C - s2, d0 (Foam Core)

BS 476 - Class 0 fabrics available

ACOUSTIC RATING CLASS A

COMPOSITION BASOTECT G+ FOAM

CUTTING TOLERANCE +/- 5mm

DENSITY 9KG M3

TENSILE STRENGTH EN ISO 1798 kPa > 130

HARDNESS 40% DEFORMATION: 7 - 20kpa

THERMAL CONDUCTIVITY 0.035W/mK@10c

COMPRESSION SET 50% at 70c for 22 hours

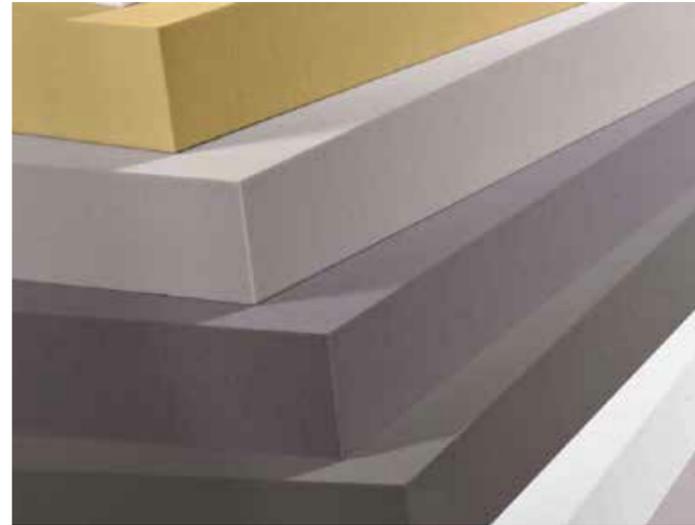
TOXICITY DIN 4102 CLASS A"

ECHO ACOUSTIC DATA																	
Frequency	100Hz	125Hz	160Hz	200Hz	250Hz	315Hz	400Hz	500Hz	630Hz	800Hz	1000Hz	1250Hz	1600Hz	2000Hz	2500Hz	3150Hz	4000Hz
No Cavity 50mm	0.2	0.27	0.33	0.48	0.6	0.75	0.88	0.9	0.96	0.98	0.96	0.99	0.98	0.97	0.96	0.98	0.87
Cavity 45mm/50mm	0.17	0.28	0.38	0.54	0.77	0.86	0.99	0.96	0.96	0.97	0.94	0.93	0.91	0.92	0.94	0.95	0.96

MTECH

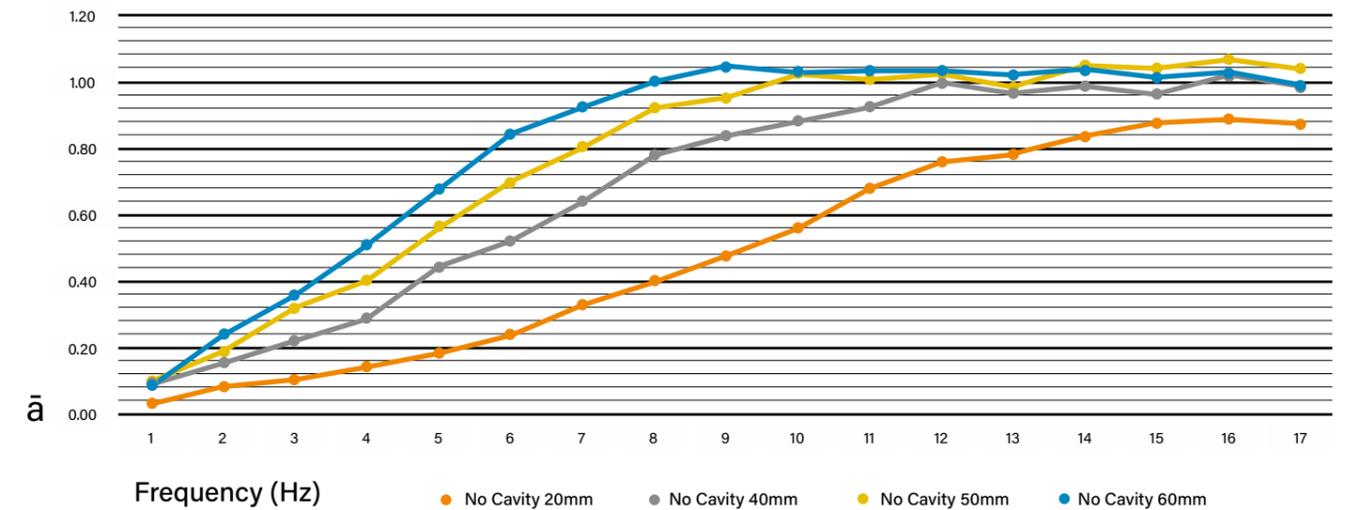
M tech melamine foam “Basotect” is a perfect acoustic solution for the architectural acoustics industry due to its high sound absorption, fire resistance and thermal properties.

M tech is an open-pore melamine foam that helps to ensure pleasant room acoustics, even when retrofitted. M tech can be used in its ‘raw’ state (grey/white) or covered using a variety of facings, it can even be directly printed onto or painted. These lightweight absorbers allow large-scale, free-floating elements to be implemented into your projects, offering an attractive room design.



MTECH ACOUSTIC DATA

Acoustic Test Report MTECH



TECH SPECS

STANDARD SIZE

- 1200mm x 1200mm x 50mm
- 1200mm x 2000mm x 50mm
- MAX: 1250mm x 2000mm x 500mm

FEATURES AND BENEFITS

- Class A acoustic performance
- Flame retardant
- Lightweight
- No toxic fibres
- Resistant to static charge
- Easy to work with
- High colour stability

FIRE SPECIFICATION

DIN EN 13501-1:2010: C - s2, d0
BS 476 PART 6/7 CLASS 0 @ 25mm

ACOUSTIC RATING CLASS D/A

COMPOSITION BASOTECT G+ FOAM

CUTTING TOLERANCE +/- 5mm

DENSITY 9KG M3

TENSILE STRENGTH EN ISO 1798 kPa > 130

HARDNESS 40% DEFORMATION: 7 - 20kpa

THERMAL CONDUCTIVITY 0.035W/mK@10c

COMPRESSION SET 50% at 70c for 22 hours

TOXICITY DIN 4102 CLASS A"

CHEMICAL RESISTANCE

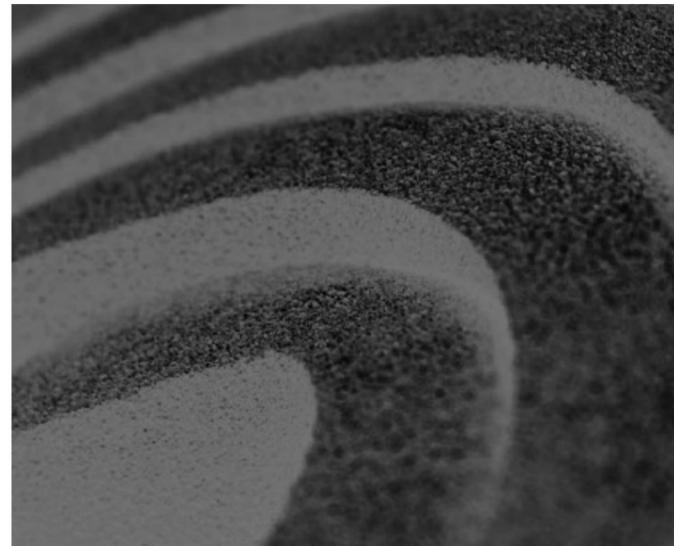
Resistant to hydrolysis, alcohols, hydrocarbons, moisture, organic solvents and dilute acids.

MTECH ACOUSTIC DATA																	
Frequency	100Hz	125Hz	160Hz	200Hz	250Hz	315Hz	400Hz	500Hz	630Hz	800Hz	1000Hz	1250Hz	1600Hz	2000Hz	2500Hz	3150Hz	4000Hz
No Cavity / 20mm	0.03	0.08	0.1	0.14	0.18	0.24	0.32	0.41	0.48	0.57	0.69	0.75	0.78	0.84	0.87	0.88	0.87
No Cavity / 40mm	0.1	0.15	0.22	0.29	0.43	0.53	0.65	0.78	0.83	0.87	0.93	0.99	0.98	1	0.99	1.02	0.99
No Cavity / 50mm	0.11	0.19	0.32	0.41	0.56	0.7	0.8	0.91	0.95	1.02	1.01	1.02	0.99	1.03	1.04	1.06	1.03
No Cavity / 60mm	0.09	0.23	0.37	0.50	0.67	0.83	0.93	0.99	1.03	1.02	1.03	1.02	1.01	1.02	1.02	1.03	0.99

FIRETECH

FireTech is a highly modified flexible open-celled polyurethane foam.

Used as an acoustic sound absorber offering excellent absorption characteristics, especially in the troublesome low frequencies, whilst achieving the highest possible fire resistance ratings for a flexible acoustic foam. FireTech is a chemically inert product that will not dust or migrate, even when subjected to high-velocity airflows. Tested at 10000 fpm for 4 hours. FireTech also has the ability to act as a membrane absorber across the full frequency spectrum when specified with the correct material thickness & choice of facing. High mass ensures FireTech gives excellent damping performance when applied to rigid substrates, greatly improving sound breakout.



TECH SPECS

STANDARD SIZE

1200mm x 2000mm x 50mm

1200mm x 1000mm x 50mm

MAX: 1200mm x 2000mm x 100mm

FEATURES AND BENEFITS

- Highly flame retardant
- Mold resistant
- Easy to cut on site
- Targets low frequencies

FIRE SPECIFICATION

EN 13501-1 EURO CLASS B-s1,d0

BS 476 PART 6/7 CLASS 0

COMPOSITION Impregnated PU Foam

CUTTING TOLERANCE +/- 5mm

DENSITY 90KG M3

OPERATING TEMPERATURE -30C to 100C

ASTM C1071-05 12.7 Pass

FUNGUS RESISTANCE Excellent

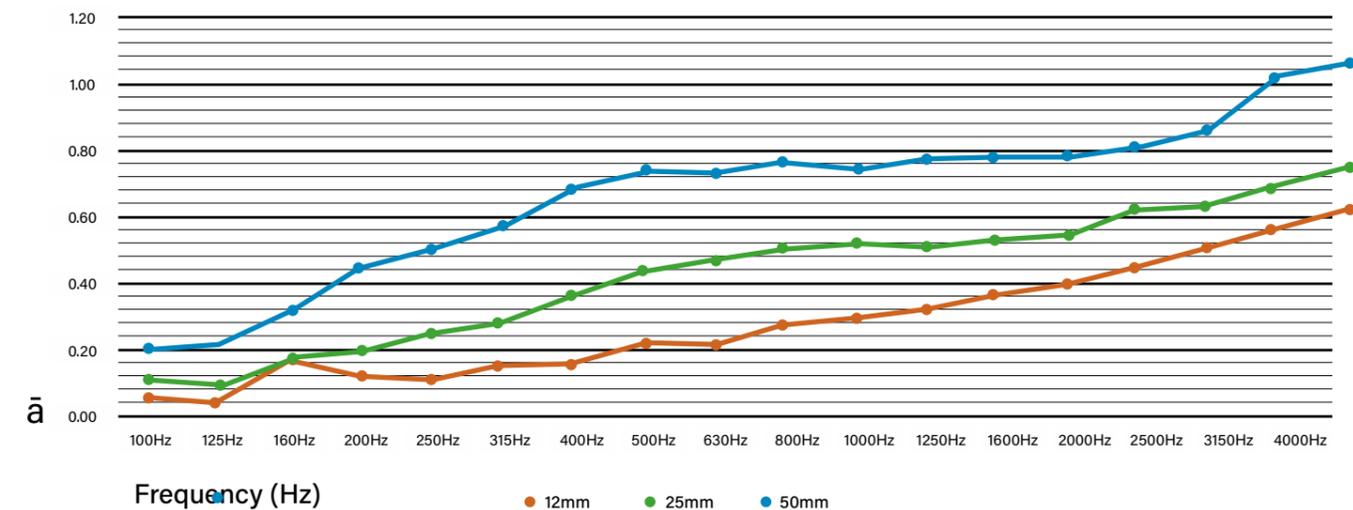
THERMAL CONDUCTIVITY 0.32 Btu-in/ft2-hroF

WATER VAPOUR ASTM C1104-06 - <9%

COLOUR Dark Grey

FIRETECH ACOUSTIC DATA

FireTech Acoustic Data



Sound absorption @ 12mm (Random Incidence) NRC > 0.27

Sound absorption @ 25mm (Random Incidence) NRC > 0.42

Sound absorption @ 50mm (Random Incidence) NRC > 0.67

ACOUSTECH

AcousTech One has been manufactured using a Class 0 glass wool core and white fibreglass tissue laminate.

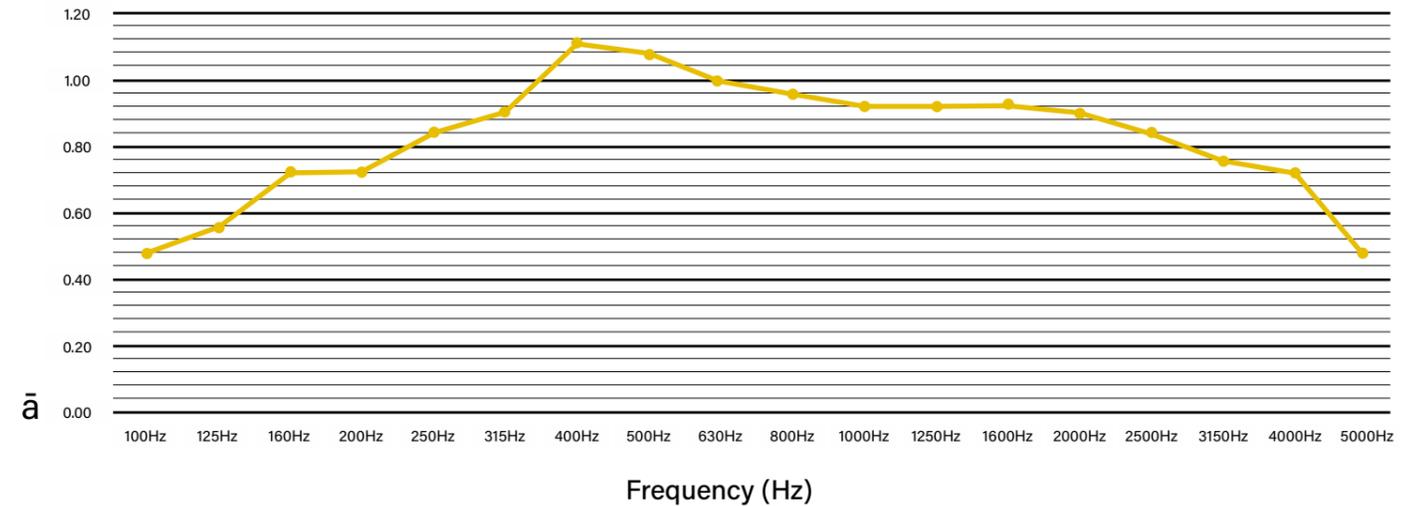
The overall composite achieves BS 476 Part 6/7 Class 1 fire rating with a direct fix NRC of 0.90. This is a highly versatile product supplied in a variety of forms such as baffles, rafts and wall panels.

AcousTech one can be supplied self-finished and/or in a range of Camira, Trilogy and Gabriel fabrics. If you are looking for a cost-effective acoustic solution or volume project, the AcousTech One range is highly recommended.



ACOUSTECH ACOUSTIC DATA

Sound Absorption Co-efficient - Frequency Curve



TECH SPECS

STANDARD SIZE

- 1200mm x 600mm x 40mm
- 1200mm x 1200mm x 40mm
- 1200mm x 2400mm x 40mm
- 1220mm x 2700mm x 40mm

FEATURES AND BENEFITS

- Class A acoustic performance
- Class 1 FR (Class 0 Core)
- Class 0 fabric available
- Lightweight
- Self-finished (white or painted)
- Durable
- High quality, low cost!

FIRE SPECIFICATION

BS 478: PART 6: 1989+A1:2009 (17.4)

BS476: PART 7: 1997 (CLASS 1)

BS476: CLASS 0 CORE

ACOUSTIC RATING CLASS A

COMPOSITION

Glass wool core with a fibre glass tissue facing

CUTTING TOLERANCE +/- 2mm

DENSITY 3KG M2 +/-5%

FUNGUS RESISTANCE Excellent

ACOUSTECH SOUND ABSORPTION CO-EFFICIENT DATA

Frequency (Hz)	100	125	160	200	250	315	400	500	630	800	1000	1250	1600	2000	2500	3150	4000	5000
Sound absorption coefficient	0.486	0.540	0.701	0.705	0.826	0.884	1.081	1.072	1.008	0.974	0.945	0.943	0.929	0.890	0.846	0.734	0.673	0.527
Noise reduction coefficient	0.90																	



[LEARN MORE](#)

Problem

Unwanted sound is formed by waves that are reflected from solid surfaces that have limited absorption, such as wood floors, glass, walls and ceilings. Ideally, sound travels in one direction from the speaker to the listener. Today in many offices, schools, healthcare facilities, government buildings and indoor public areas (e.g. libraries, concert halls and museums), sound reflects off hard surfaces creating echoes. These echoes diminish voice intelligibility, making words hard to understand. We have all experienced acoustic “reverberation”, or echo, in large open spaces. Working or being in a noise polluted environment is stressful and reduces productivity and enjoyment

Solution

Better acoustics requires reducing these secondary sound paths with sound absorbing materials. The Serenity acoustic panels are an ideal solution to reduce echoes in conference rooms, call centres, restaurants, hotels, houses of worship, classrooms, retail stores and movie theatres. These commercial grade panels are designed for many years of use.

Performance

The Serenity is a high specification acoustic panel system. They are durable, fire rated, visually pleasing and offer excellent acoustic performance. They are the decorative solution to your sound control needs

Aesthetic And Design Qualities

The Serenity acoustic panels will transform a stark echoing area into a warm, quieter, congenial work place. The panels have been designed with a commitment to creating a product that is as stylish as it is functional. They are manufactured from resin bonded glass fibre specifically tooled and pressed for maximum sound absorption. The panels are fabric finished hence forming an acoustic panel which is decorative, durable and resistant to mild impacts.