

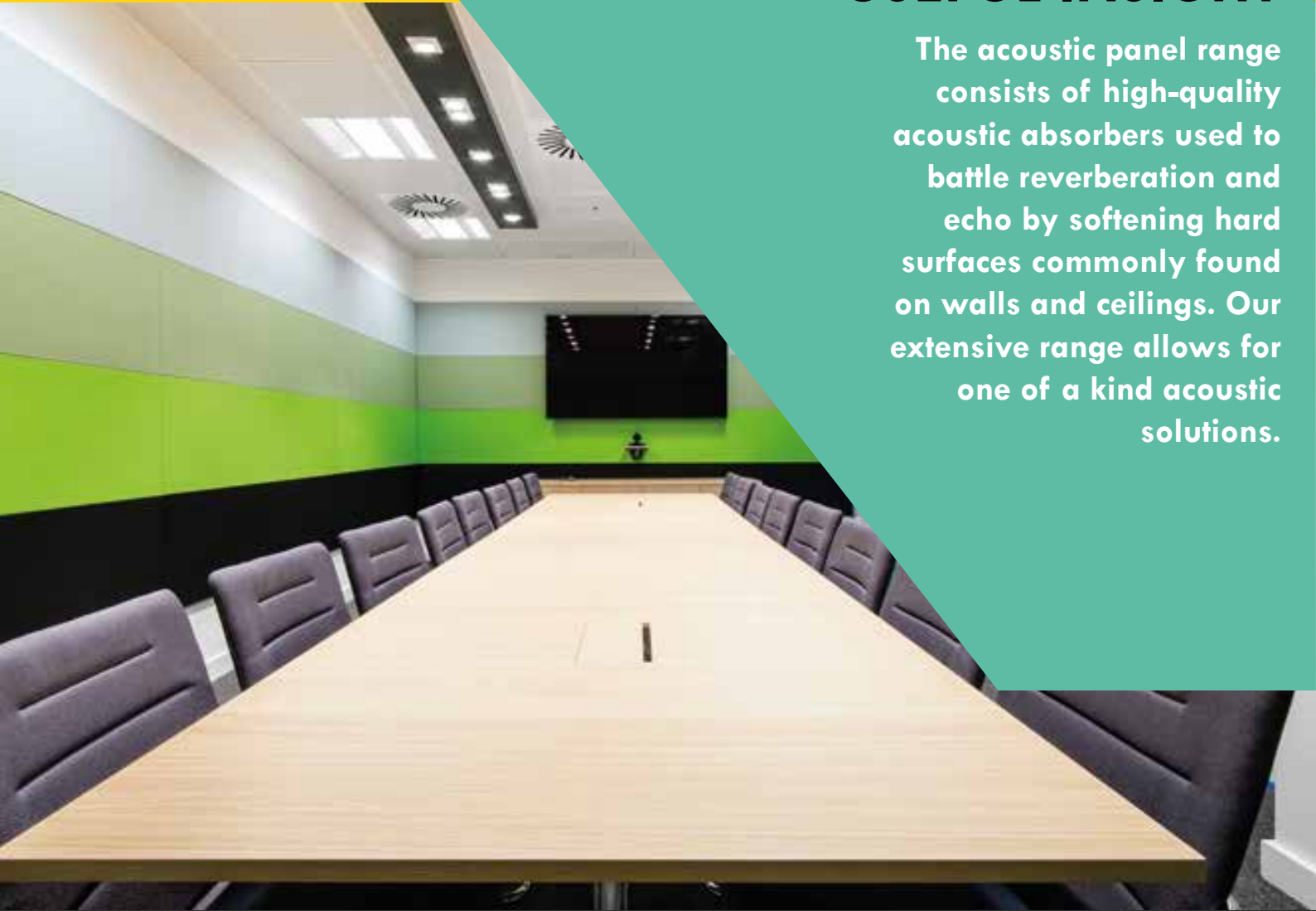


Tech Materials

PRODUCT BROCHURE

USEFUL INSIGHT

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.



ACOUSTIC PANELS

| A SIMPLE SOLUTION TO REVERBERATION & ECHO

ECHO PANEL



01 | ECHO PANEL

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

01. CIRCLE 02. RECTANGLE 03. CROSS
04. HEX 05. TRIANGLE 06. SQUARE
-

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 ceiling with little to no fuss. Echo Panels are a class A acoustic absorber available in a range of Camira and Muraspec fabrics. ECHOGEO 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.

TECHNICAL DATA

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.



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

 sales@techmaterials.co.uk

 www.techmaterials.co.uk

 +0044 01952 947390

 Telford, Shropshire, TF7 4QP

ALPHA WALL



CONTACT US FOR COLOUR OPTIONS

02 | ALPHA WALL

Alpha Wall cladding is available in a combination of 14 colours, varied thickness's and shapes to help create unique acoustic floor to ceiling wall designs. We print bespoke patterns, company logos and slogans directly onto your sheet to help improve room acoustics by softening hard surfaces commonly found in new and existing offices.

STANDARD SIZE

1225mm x 2800mm x 2/3/6/12mm

1200mm x 2700mm x 12mm

1220mm x 2440mm x 50mm

CONVERSION OPTIONS

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

TECHNICAL DATA

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

COMPOSITION: 100% RECYCLABLE PET FIBRE

DENSITY M2: 6mm 1.2KG / 12mm 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.



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ALPHA TILE



CONTACT US FOR COLOUR OPTIONS

03 | ALPHA TILE

Alpha Tile wall panels are a decorative wall mounted acoustic panel used to control room noise. Supplied in a range of geometric shapes and a variety of sizes allowing you to create a bold design statement. Alpha Tile wall panels are self-adhesive backed for quick and easy installation, providing an affordable acoustic solution with limitless design potential.

STANDARD SIZE

Please contact sales for our size guide.

STANDARD SHAPES

01. CIRCLE 02. RECTANGLE 03. CROSS



04. HEX 05. TRIANGLE 06. SQUARE



TECHNICAL DATA

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

COMPOSITION: 100% RECYCLABLE PET FIBRE

DENSITY M2: 6mm 1.2KG / 12mm 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. For best acoustic results use 25mm/ 50mm stand-offs.



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ETCH

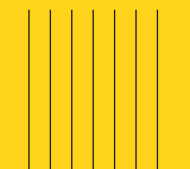
CONTACT US FOR COLOUR OPTIONS

04 | ETCH

STANDARD SIZE

1200mm x 2800mm x 12mm

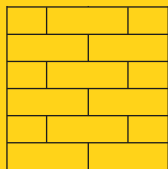
STANDARD DESIGNS



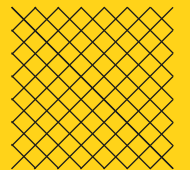
01. VERTICAL



02. DIAGONAL



03. BRICK



04. CROSS



05. HORIZONTAL

Contact us for our full range of designs.

Alpha Etch acoustic panels are a polyester acoustic wall covering combining design, colour and texture. Available in 5 standard patterns or Etched to your custom design. Alpha Etch is self-adhesive backed for overlaying directly to your chosen surface. The panels are supplied in 1200mm x 2800mm sheets in 12mm for a seamless floor to ceiling coverage. Panels can be cut to size to ensure that perfect fit.

TECHNICAL DATA

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

COMPOSITION: 100% RECYCLABLE PET FIBRE

DENSITY M2: 6mm 1.2KG / 12mm 2.4KG / 24mm 4.8KG

ACOUSTIC PERFORMANCE: CLASS A (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.



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FABRIX



05 | FABRIX

STANDARD SIZE

1225mm x 2800mm x 12mm
1200mm x 2800mm x 24mm

STANDARD FABRIC

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

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.

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 12/24mm, 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.

TECHNICAL DATA

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

COMPOSITION: 100% RECYCLABLE PET FIBRE

DENSITY M2: 12mm 2.4KG / 24mm 4.8KG

ACOUSTIC PERFORMANCE: CLASS A (50mm Air Gap)



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ECHO CUBE



06 | ECHO CUBE

STANDARD SIZE

300mm x 300mm x 300mm
600mm x 600mm x 600mm
1200mm x 1200mm x 1200mm

The Echo Cube is a free-standing, free-thinking acoustic solution. Stack, build and create your own acoustic layout with playful fabric wrapped acoustic cubes. Select from over 100 fabrics to match your interior design. Echo Cubes can be suspended from you ceiling to increase absorption and creativity with a simple single anchor point. The cubes core is manufactured from MTech melamine foam and boasts 360-degree absorption.

STANDARD FABRIC

- Blazer Lite - Synergy
- Blazer - Trilogy

TECHNICAL DATA

FIRE SPECIFICATION: DIN EN 13501-1:2010 C - s2, d0
COMPOSITION: BASF BASOTECT G FOAM / FABRIC
DENSITY: 9KG/M3
ACOUSTIC PERFORMANCE: CLASS A



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