



Collaborate



Control



Communicate



Converse

AV lecterns, cabinets, media walls, video walls, collaboration tables, huddle spaces, boardroom and meeting room tables, control desks, server racks, screen stands / trolleys and sound management solutions to name a few

What we do...

If you have an acoustic problem Quadra can help.

For any acoustic project the first thing we do is attend site and work out a full acoustic survey and discuss various options. We then produce an acoustic report which shows your existing reverb calculations and how much our recommended treatment will reduce the echo, with the report we will also send you designs to show the recommended acoustic treatment.

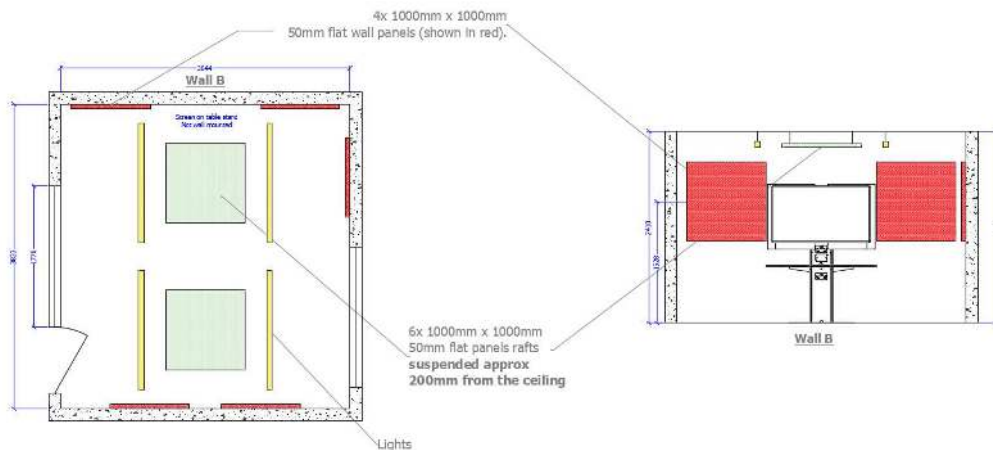
A lot of commercial and educational rooms have hard surfaces as opposed to the home which will have carpets and other soft furnishings which absorb the echo within the room. The solid surfaces, like hardwood floors, glass or plastered walls, suspended ceilings can all emphasise echo reverberation, which can be not only annoying for people within the room but can also lead to the reduction of quality of service on a conference call.

There are different ways to treat reverb issues, it all depends on your space and how you want it to look.

- Wall panels
- Ceiling baffles and rafts
- Acoustic furniture
- Acoustic artwork

Design

Below you will see a room plan and one wall elevation showing the location of all acoustic panels to reduce the reverb within your room, we draw these up to help you visualise how it would look af the treatment

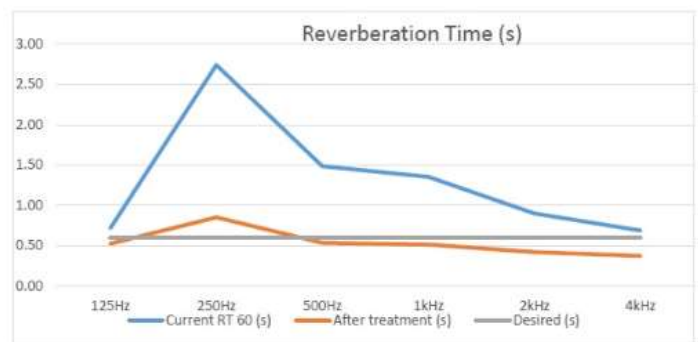


Report

Taking all the information form the site survey and room plans we then produce you a reverberation report showing what your room reverb was and what it would be with the treatment, as seen below

Pre Treatment Surfaces

Surface	Area m ²	Material
Ceiling	13.96	2 x plasterboard on frame, 50mm airspace with mineral wool 2 x 13mm
Floor	13.96	5mm needle-felt stuck to concrete 5mm
Wall Sides	18.22	2 x 13mm plasterboard on steel frame, 50mm mineral wool in cavity, surface painted 26mm
Wall Ends	19.15	2 x 13mm plasterboard on steel frame, 50mm mineral wool in cavity, surface painted 26mm
Glass	0.00	Double glazing, 2-3mm glass, 10mm air gap



Frequency	125Hz	250Hz	500Hz	1kHz	2kHz	4kHz	Average
Current RT 60 (s)	0.72	2.74	1.49	1.35	0.90	0.69	1.32
After treatment (s)	0.53	0.85	0.54	0.52	0.42	0.38	0.54
Desired (s)	0.60	0.60	0.60	0.60	0.60	0.60	0.60
Reduction	26.66%	68.91%	63.95%	61.84%	53.15%	45.60%	59.09%

Acoustica wall panels

Acoustica wall 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.

Acoustica Panels are a class A acoustic absorber available in a range of Camira and Muraspec fabrics. These panels are available in a range of geometric acoustic shapes that help improve the creativity of your acoustic solution. All panels can be made to custom sizes



Tech Specs...

STANDARD SIZES

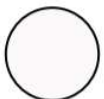
1000mm x 1000mm x 50mm

1200mm x 600mm x 50mm

1200mm x 2000mm x 50mm

MAX: 1250mm x 2000mm x 100mm

Standard Shapes...



CIRCLE



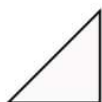
RECTANGLE



CROSS



HEX



TRIANGLE



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.

Acoustica ceiling rafts

Acoustica ceiling rafts offer a practical and cost-effective treatment to reverberation and echo. They are simple to install with either 4 cables to drop them from the ceiling or an easy peel self-adhesive backing designed to grab onto walls and ceiling with little to no fuss. ([self adhesive only for plastered ceilings](#))

Acoustica Panels are a class A acoustic absorber available in a range of Camira and Muraspec fabrics. All panels can be made to custom sizes



Tech Specs...

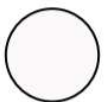
STANDARD SIZES

600mm x 600mm x 50mm

1000mm x 1000mm x 50mm

1000mm x 2000mm x 50mm

Standard Shapes...



CIRCLE



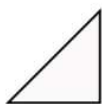
RECTANGLE



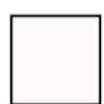
CROSS



HEX



TRIANGLE



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...

Either plaster or suspended ceiling fixings with drop steel cables for hanging your panel from the ceiling

Alternatively, we can supply the rafts with a easy peel self-adhesive backing.

Acoustica movable walls

If you have an open space which is suffering with acoustic issues, these walls could help.

Quadra has designed and manufactured these easy to move walls which will not only help with the reverb, but can help to divide up your space.

Designed to roll through a standard door so they can be easily moved as and when required.

These walls can be altered to take a VC camera and screen so you can create a full immersive VC area. Available in a wide range of finishes to complement your environment.



We can alter the design, finish and configuration to suit your requirements.



Acoustics

Fire specification...

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

Composition...

BASF BASOTECT G FOAM / FABRIC

DENSITY

9KG/M3

Acoustic performance...

CLASS A

Acoustica wall art

Acoustica Print is a class A acoustic artwork solution that comes with a self-adhesive backing for quick and easy installation. Acoustica print can help to improve brand awareness, creativity and user well-being in a wide range of environments. We can print any image directly onto Acoustica panels. Designs can be printed onto single panels or across multiple panels to maximise wall coverage.

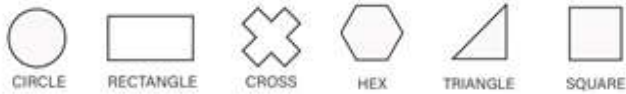
Printed acoustic panels can help improve users creativity and productivity. By creating working environments that enhance user well-being.

Tech Specs...

STANDARD SIZES

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

Standard Shapes...



Fire specification...

EN13501-:2007+A1:2009 s1, d0

Composition

100% RECYCLABLE PET FIBRE

Density

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

Acoustic performance - CLASS D/A

Recommended fixing...

These can be supplied with an easy peel self-adhesive backing or fixed with grab adhesive

Atmosphere Muraille

Blend your acoustics into their surrounds with Atmosphere Muraille.

Print unique textures directly on to Muraille and turn it into a floor to ceiling acoustic covering. Atmosphere Muraille 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 our Muraille acoustic panels!

Tech Specs...

STANDARD SIZES

1225mm x 2800mm x 6mm / 12mm

Finish Options...



PINE

PARQUET

BRICK



PARQUET

Fire specification...

EN13501-:2007+A1:2009 s1, d0

Composition

100% RECYCLABLE PET FIBRE

Density - 6mm 1.2KG / 12mm 2.4KG /

24mm 4.8KG

Acoustic performance

CLASS 5 (50mm Air Gap)

Recommended fixing...

These can be supplied with an easy peel self-adhesive backing or fixed with grab adhesive

Atmosphere dividers

Atmosphere suspended acoustic dividers are a lightweight, semi-rigid, decorative acoustic screens manufactured with solid colour throughout.

They are typically used to improve both the creativity and acoustic performance of interior spaces.

Atmosphere screens help to improve user privacy and layout of open offices while retaining free flowing workspaces and ease of communication..



Screen designs



WAVE



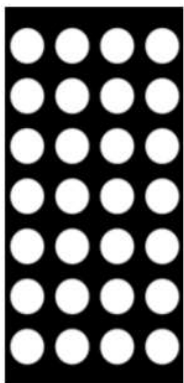
WEAVE



CROSS



FOREST



ILLUSION



FLOW



MAZE



SOLAR



ABSTRACT



DAZE



WOODLAND



FRACTURE

Various colours available



Tech Specs...

STANDARD SIZES

1200mm x 2400mm x 12mm / 24mm
1200mm x 2700mm x 12mm / 24mm
Max 2700mm x 1200mm

Fire specification...

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

Composition

100% RECYCLABLE PET FIBRE

Density

12mm 2.4kg/M2 – 24mm 4.8kg/M2

Acoustic performance

Differs with design

Recommended fixing...

These can be supplied with an easy peel self-adhesive backing or fixed with grab adhesive

Office acoustics

Inteimate 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.

Inteimate products are manufactured from Atmosphere 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.

Tech Specs...

STANDARD SIZES

1200mm x 600mm x 12mm / 24mm

1390mm x 600mm x 12mm/24mm

MAX: 2800mm x 1200mm (12mm)

MAX: 2700mm x 1200mm (24mm)

Recommended fixing...

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



Fire specification...

EN13501-:2007+A1:2009 s1, d0

Composition

100% RECYCLABLE PET FIBRE

Density

2mm 2.4kg/M2 – 24mm 4.8kg/M2

Acoustic performance

Differs with design

Pinboard is a highly versatile acoustic pin board solution. Available in a generous size of 1225mm x 2800mm for floor to ceiling coverage.

Pinboard provides the design flexibility to create innovative solutions to reverberation and echo with a practical use.

Pinboard can be cut, printed and formed for full customisation.

Tech Specs...

STANDARD SIZES

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

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

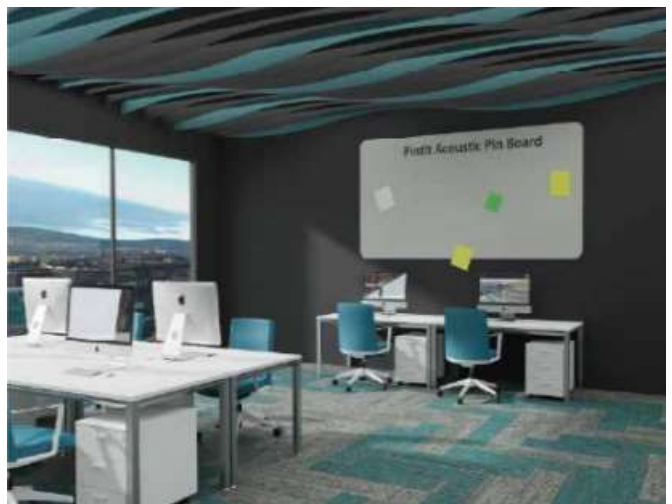
1200mm x 2400mm x 12mm/24mm (40mm Rad)

Print unique textures directly onto your pin-board for maximum interest or even turn your pin-board in the world map or company logo by cutting it into unique shapes

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.



Fire specification...

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

Composition

100% RECYCLABLE PET FIBRE

Density

12mm 2.4kg/M2 – 24mm 4.8kg/M2

Acoustic performance

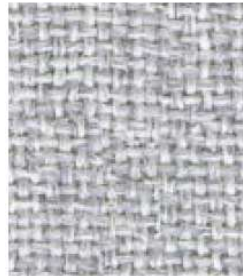
Differs with design

Cara Fabrics

Photographic fabric scans are not colour accurate. Always request fabric samples before ordering



Vit
EJ184



Glass
EJ004



Lomond
EJ192



Hillswick
EJ190



Shetland
EJ191



Beltane
EJ193



Chaucer
EJ172



Portland
EJ016



Denny
EJ196



Clan
EJ169



Austen
EJ173



Maree
EJ195



Lead
EJ104



Lerwick
EJ194



Merrick
EJ048



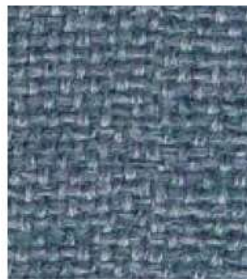
Black
EJ138

Cara Fabrics

Photographic fabric scans are not colour accurate. Always request fabric samples before ordering



Spray
EJ033



Ronay
EJ189



Dolphin
EJ105



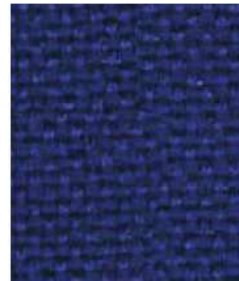
Inverness
EJ175



Adriatic
EJ154



Galilee
EJ125



Cluanie
EJ180



Easdale
EJ188



Fair Isle
EJ186



Staffa
EJ185



Carron
EJ015



Lora
EJ187



Pitlochry
EJ076



Lossie
EJ197



Tummel
EJ038



Walten
EJ011

Acoustics – Blazer Lite Fabrics

Photographic fabric scans are not colour accurate. Always request fabric samples before ordering



LTH44
Mood



LTH83
Harmony



LTH67
Wish



LTH84
Dainty



LTH80
Shelter



LTH55
Happy



LTH66
Pamper



LTH88
Faith



LTH70
Solace



LTH57
Verity



LTH40
Haven



LTH48
Daydream



LTH49
Bliss



LTH58
Buddha



LTH50
Hope



LTH54
Praise

Acoustics – Blazer Lite Fabrics

Photographic fabric scans are not colour accurate. Always request fabric samples before ordering



LTH41
Balance



LTH51
Graceful



LTH42
Hush



LTH49
Angel



LTH39
Retreat



LTH43
Pillow



LTH82
Cuddle



LTH59
Worship



LTH65
Pastel



LTH61
True



LTH53
Tender



LTH89
Freedom



LTH52
Aspire



LTH58
Devoted



LTH47
Love

Acoustics – PET Fabrics

Photographic fabric scans are not colour accurate. Always request fabric samples before ordering



With 18 Colours these Polyester Acoustic Panels are a Sustainable solution with endless possibilities.

**Comes in 12mm and 24mm thick panels
1200mm wide x 2400mm high.**



About Us.

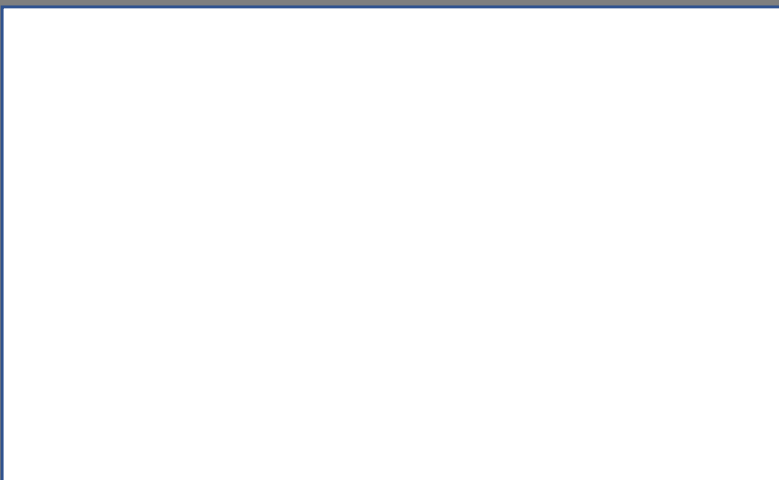
We design and install prebuilt and bespoke AV furniture, Media walls, lecterns, credenzas, stands, trolleys, cabinets, acoustic treatments and much more.

We do this using the latest professional CNC machinery and only the best core materials. Located in York with close access to the motorway network we are conveniently located to deliver and install across the UK.

Quadra AV Furniture Ltd
Head Office : Glaisdale Road,
Northminster Business Park,
Upper Poppleton, York, YO26 6QT

Web - www.qavf.co.uk
Telephone - 01904 528 519
Email - enquiries@qavf.co.uk

Your Local Quadra Partner:



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Reg No. 06322818 – VAT No. GB 916 3405 38

