

A close-up photograph of several parallel, light-colored acoustic beams. The beams are angled, creating a strong sense of perspective and depth. The lighting is dramatic, with bright highlights on the edges of the beams and deep shadows in the spaces between them, emphasizing their texture and three-dimensional form.

MAXIBEAM SOFT

LIGHTWEIGHT ACOUSTIC BEAM SYSTEM

Specification guide for walls, ceilings, rafts and screens



YOUR WALL AND CEILING EXPERTS

Saving you time, money and worry.

EXCEPTIONAL WALL AND CEILING SYSTEMS, DESIGNED AND BUILT BY US, WITH PASSION, SKILL AND DEDICATION

LEAVE IT TO US

We're experts at what we do so you're in safe hands. Walls and ceilings can be surprisingly complex. Rely on us to look after all the details - saving you time, money and worry.

- > We work with you to develop bespoke ideas and solve design challenges to create stunning results for your special interior.
- > We love what we do! We are passionate about Making Spaces Matter – and we have fun while we do it.
- > Locally made in our Cornwall factory, guaranteeing quick response times and reliable delivery.
- > Our in-house CAD capabilities enable us to 3D model complex ceilings and walls to ensure precise interface with support work and other elements, helping your project run smoothly.
- > We use our technical expertise to incorporate access requirements and service integrations to best effect - whether by fully accessible systems or specific purpose-made access hatches.
- > Where projects require a detailed drawing package (setting out drawings, installation sequence and critical detailing), our experienced draftsmen will look after it all.
- > With every project, you are assigned one of our dedicated Project Leaders. Their role is to liaise with you and our production team, bringing your design to life.
- > Your Project Leader will guide you through the process from initial order, through drawings approval and will provide support and advice for your installation - we're here to help you every step of the way.



"THE SERVICE AND HELP WE
HAD FROM THE TEAM AT VTEC
WAS FIRST CLASS. EVERYONE I
SPOKE TO WAS VERY HELPFUL
AND THE PROJECT RAN
SMOOTHLY... I AM VERY HAPPY
WITH THE END RESULT."



INTRODUCING MAXIBEAM SOFT

MaxiBeam Soft is the lightweight soft beam system that provides excellent design flexibility and acoustic absorption simply, alongside being easy to specify and fast to install.

1 Instant visual impact

Create colourful designs and characterful features, with the comfort of new technologies and a choice of 14 fabric finishes.

2 Adaptable application

Our versatile system is suitable for walls, ceilings, rafts or independent screens. We routinely produce bespoke options to deliver curved designs, ultra-length beams, geometric shapes and custom angled ends.

3 Quick install

MaxiBeam Soft's fixing systems include fixing cleats and detailed installation instructions.

4 Better acoustics

MaxiBeam Soft is acoustically diffusive. Install under a perforated Supacoustic ceiling or Soft Board acoustic backing to achieve enhanced acoustic performance.

5 Minimal framing required

From only 2kg per beam (depending on size), MaxiBeam Soft is incredibly light, which means specially engineered framing isn't required, keeping the costs down without compromising on visual impact.

MAXIBEAM SOFT IS
INCREDIBLY LIGHTWEIGHT,
DESIGNED TO ENHANCE
ACOUSTICS IN A COST-
EFFECTIVE MANNER

APPLICATIONS

SCREENS

Define areas while maintaining continuity and flow.

WALLS

Create an elegant first impression.

CEILINGS

Create a chunky beam look with excellent acoustics.

RAFTS

Define a space. Create proportion, intimacy and interest.

TAILORED SHAPES

As adaptable as your imagination.

LIGHT IT UP

Talk to us to incorporate lighting in your ceiling plan.

CREATIVE DESIGN

Mix it up! Play with size, direction and colour.

ACCESSIBILITY

Options for easy access for maintenance etc.

WHAT IS MAXIBEAM SOFT?

MaxiBeam Soft is so versatile that it inspires creative thinking and new design ideas.

That's why we have introduced our acoustic and lightweight **MaxiBeam Soft** with options including:

- > Tailor-made shaping and angled ends
- > Integrated lighting
- > Broad choice of finishes - including custom options
- > Bespoke beam sizes
- > Rapid installation
- > Euroclass B FR Grade option

Lightweight hollow-core construction with semi-rigid outer acoustic surfaces



49 or 74mm



SPECIFYING MAXIBEAM SOFT

- 1 CONSIDER THE APPLICATION
- 2 SELECT SIZE
- 3 SELECT BEAM ENDS
- 4 SELECT ACOUSTIC BACKING
- 5 SELECT COLOUR
- 6 SELECT FR CLASS
- 7 CONSIDER ACCESS & SERVICE REQUIREMENTS
- 8 SELECT INSTALLATION METHOD

MAXIBEAM SOFT CONFIGURATION

Configure your MaxiBeam Soft system in **eight** easy steps:

1 CONSIDER THE APPLICATION

Whether you're creating an acoustic feature ceiling or an elegant, functional space with vertical beams, **MaxiBeam Soft** is custom made to your specific requirements, providing unparalleled creative scope.

CEILING

SUSPENDED RAFT

WALLING SYSTEM

VERTICAL SCREEN

COMBINATION OF THE ABOVE

2 SELECT SIZE

A – WIDTH

Choose your preferred size from our standard MaxiBeam Soft range.

B – HEIGHT / DEPTH

Choose your preferred size from our standard MaxiBeam Soft range or talk to us about a bespoke project for vertical applications.

C – LENGTH

MaxiBeam Soft typically comes in lengths of up to 2750mm. Infinite beam lengths are created using our discreet end-to-end joiner system.

D – BESPOKE DESIGN

We provide tailored design support for bespoke beams to suit your project, inclusive of a detailed 3D drawing package. We routinely produce bespoke options to deliver curved designs, ultra-length beams, geometric shapes and custom angled ends. Please contact our Technical Team on **03307 00 00 30** to discuss your requirements.

STANDARD SIZES FOR WALLS AND CEILINGS

WIDTH	49mm	49mm	49mm	49mm
HEIGHT / DEPTH	100mm	150mm	200mm	250mm
MAXIMUM BEAM LENGTH	2750mm	2750mm	2750mm	2750mm

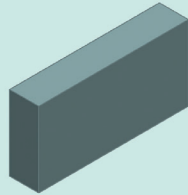
WIDTH	74mm	74mm	74mm	74mm
HEIGHT / DEPTH	100mm	150mm	200mm	250mm
MAXIMUM BEAM LENGTH	2750mm	2750mm	2750mm	2750mm

STANDARD SIZES FOR VERTICAL SCREENS

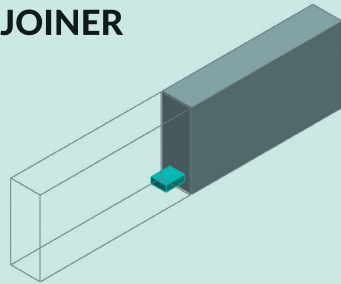
WIDTH	49mm	49mm	74mm	74mm
HEIGHT / DEPTH	145mm	200mm	145mm	200mm
MAXIMUM BEAM LENGTH	2750mm	2750mm	2750mm	2750mm

3 SELECT BEAM ENDS

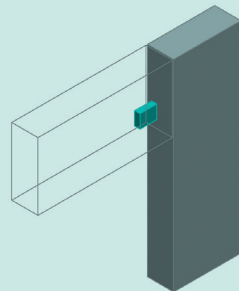
SQUARE END - NO JOINER



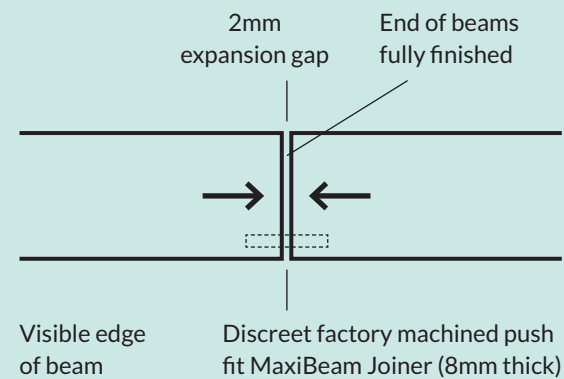
SQUARE END - WITH JOINER



90° VERTICAL TO HORIZONTAL WITH JOINER



TYPICAL END-TO-END BEAM JOINER



4 SELECT ACOUSTIC BACKING

MaxiBeam Soft is frequently installed beneath Acoustic Backing Board to provide acoustic absorption:

NO ACOUSTIC BACKING

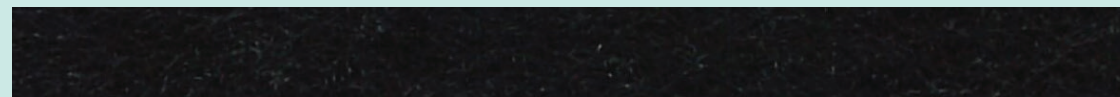
Beams are decorative only, with the open void and support work or solid ceiling visible above

ACOUSTIC ABSORBER

9-12mm thick acoustic absorber (see colour range)

Acoustic Absorption varies according to absorbing material, centres, beam height and void depth. Please speak to our Technical team for details and acoustic test data on **03307 00 00 30**.

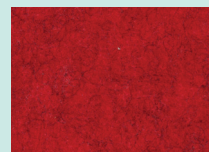
5 SELECT COLOUR



BUDAPEST BLACK



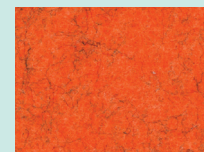
ROTTERDAM RED



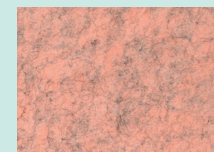
RICHMOND RED



ONTARIO ORANGE



OAKLAND ORANGE



PANAMA PINK



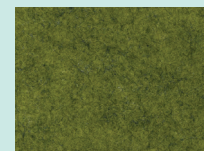
YORKTOWN YELLOW



YOKAHAMA YELLOW



BOSTON BROWN



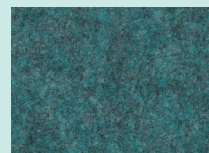
GENEVA GREEN



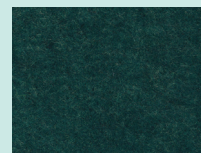
GIBRALTAR GREEN



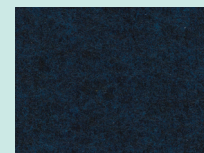
GRENADA GREEN



TORONTO TEAL



TOKYO TEAL



BOLOGNA BLUE



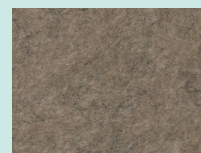
BALTIMORE BLUE



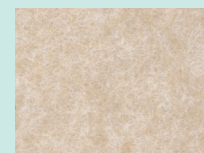
BARCELONA BLUE



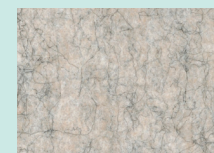
PALEMERO PURPLE



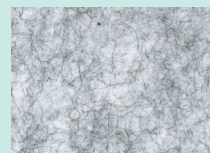
BROOKLYN BEIGE



BERLIN BEIGE



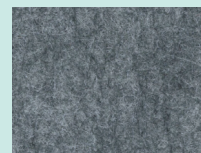
BOGOTA BEIGE



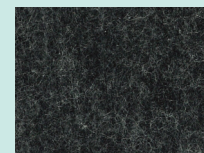
GLASGOW GREY



GENOA GREY



GRENOBLE GREY



GUADELOUPE GREY



WARSAW WHITE



6 SELECT FR CLASS

FR CLASS REQUIRED

None / Euroclass B

7 ACCESS & SERVICE INTEGRATION

FULLY REMOVABLE FOR ACCESS TO VOID

ACCESS HATCHES AT SPECIFIC LOCATIONS

HIDDEN DOORWAYS

LIGHTING

HVAC GRILLES

SMOKE DETECTORS & SPRINKLERS

AV SCREENS AND CABLING

Please contact us to discuss bespoke installation requirements on **03307 00 00 30**.

8 CHOOSE INSTALLATION METHOD

FOR CEILINGS, RAFTS AND WALLS

Our **MaxiBeam Soft** system is designed for quick installation for a discreet finish. **MaxiBeam Soft** is supplied as individual beams, fully finished to avoid on-site cutting and finishing. Beams can be installed so they are removable if required.

The **MaxiBeam Soft** system can be fastened to almost any common substrate, for example:

Ceilings and Rafts

- › Timber rails and frame
- › Unistrut
- › Casoline MF

Walls

- › Masonry
- › Concrete
- › Wooden or timber-based boards
- › Stud partitions (for example Gypframe)

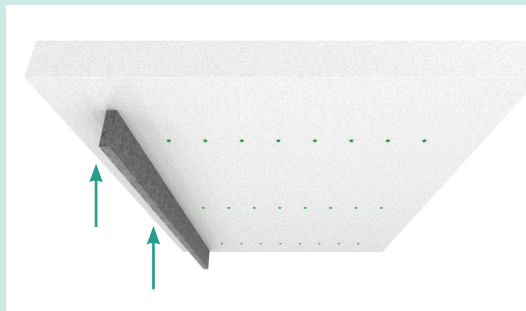
FOR CEILINGS AND RAFTS

CLICK FIX

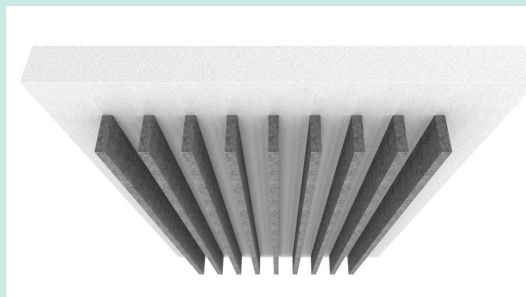
Best for: ease of access and discreet fitting; removability



- 1 Fix the male parts to the wall substrate /or rails, using the Click-Fix markers to position correctly.



- 2 Lift the beams up onto the ceiling and "click" into place, engaging the female parts on the rear of the beam.



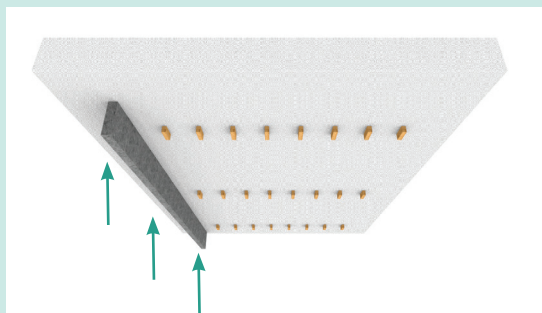
- 3 Repeat for remaining beams.

NB: **Acoustic Absorber** can be installed above **MaxiBeam Soft** with each install method for increased acoustic performance. Please contact our Technical Team to discuss.

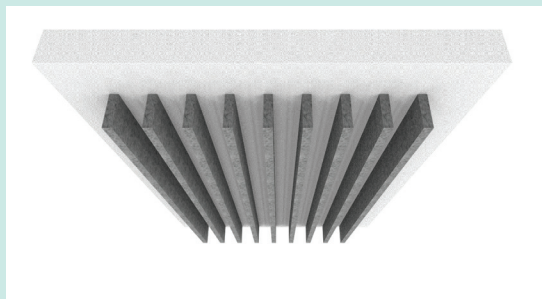
FIXING CLEAT



- 1 Fix the Fixing Cleats to the ceiling substrate or rails.



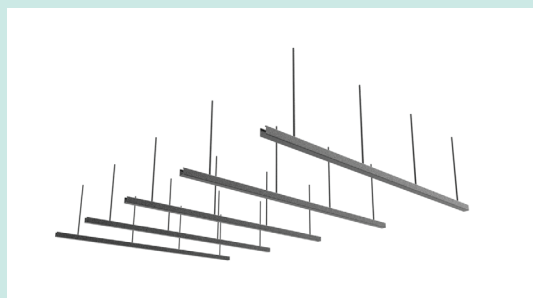
- 2 Push the beam over the fixing cleats into the final position.



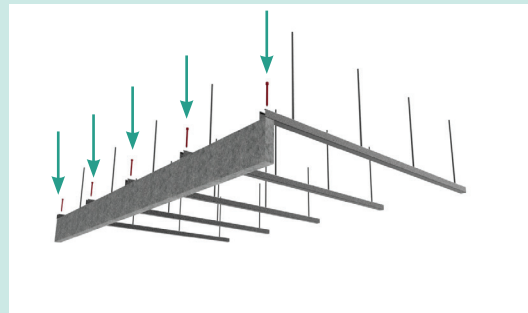
- 3 Pin or screw through the side of the beam into the fixing cleat. Cover screws heads with matching plugs if required.

SCREW FIX FROM BEHIND

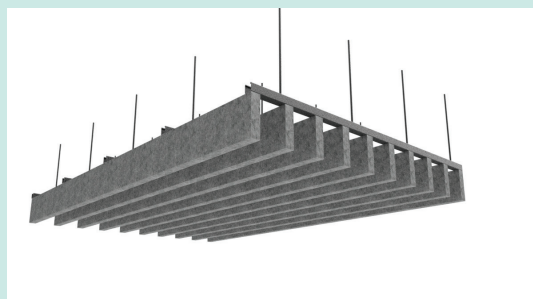
Best for: discreet fitting from behind



- 1 Lift Panel to pre-installed supports (Unistrut, Timber or similar - shown here suspended on rods).



- 2 Screw down through the pre-installed supports into the back edge of the beam.



- 3 Repeat for remaining beams.

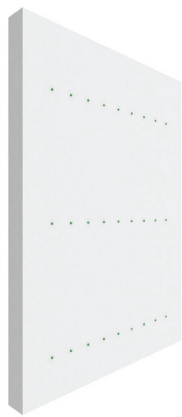
FOR WALLS

NB: **Acoustic Absorber** can be installed behind **MaxiBeam Soft** with each install method for increased acoustic performance. Please contact our Technical Team to discuss.

CLICK FIX

Best for: ease of access and discreet fitting, removability

1



1. Fix the male parts to the wall substrate or rails, using the Click-Fix markers to position correctly.

2. Lift the beams onto the wall and “click” into place, engaging the female parts on the rear of the beam.

3. Repeat for remaining beams.

2



3



FIXING CLEAT

1

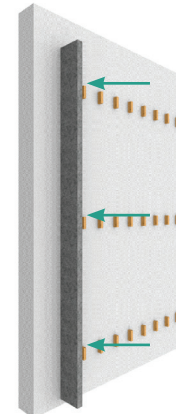


1. Fix the Fixing Cleats to the ceiling substrate or rails.

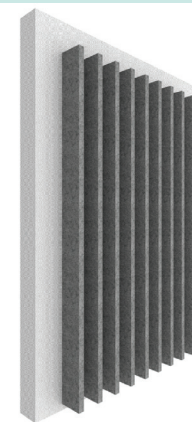
2. Push the beam over the fixing cleats into the final position.

3. Pin or screw through the side of the beam into the fixing cleat. Cover screws heads with matching plugs if required.

2



3



FOR VERTICAL SCREENS

Vertical screens can be:

VERTICAL BEAMS

HORIZONTAL BEAMS

ANGLED BEAMS

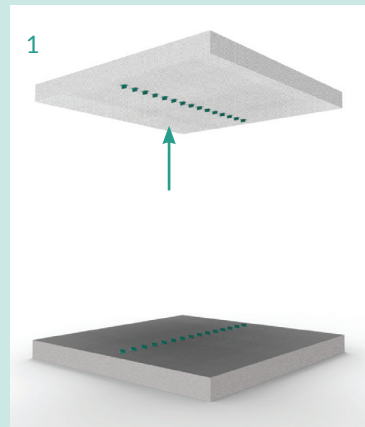
COMBINATION OF THE ABOVE

The installation example (right) shows a vertical screen with vertical beams.

For more help with installing **Maxibeam Soft** screens please contact our Technical Team on **03307 00 00 30**.

VERTICAL SCREENS

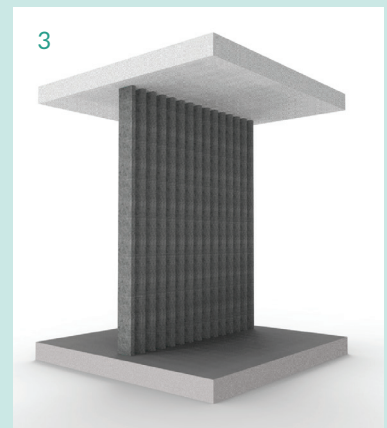
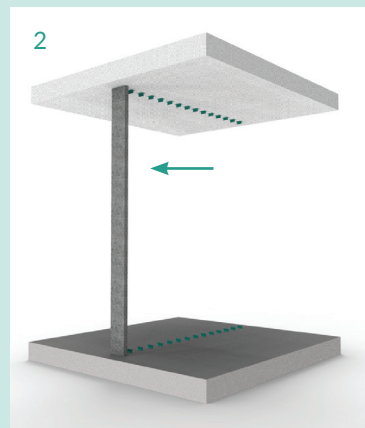
NB: For Vertical Screens there are site-specific technical considerations that must be checked for each project. Please contact our Technical Team to discuss your requirements.



1. Install Header and Footer fixing profiles to the floor and ceiling substrates

2. Slide MaxiBeam over the profiles into the final position. .

3. Pin / Screw through the side of the Beam into the fixing profiles. Cover screws heads with matching plugs if required.



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Contact our technical team to discuss your application, samples or other questions.
We're here to help.

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