acuphon

Architectural Acoustics

Acusorb® Medera

Product Range & Technical Details

Revision 3.3

Featuring Acusorb® Medera Perforated
(Version 3.3 2024)

Acusorb® Medera Range Introduction.

Product Overview

Acusorb® Medera consists of seven (7) unique solutions. Including Acusorb® Medera Slot, Perforated, Linear, Slat, Horizontal Raft, Flex and Diffuser, all sitting under the Medera banner, each contributing in style by adding character in their own individual way.

Acusorb® Medera range are wooden acoustic panels and planks made up of MDF, real hardwood or melamine, carefully veneered and CNC routed to give an appearance of hand crafted design with an acoustic punch. Our wooden acoustic panels are perforated, slotted, grooved and slat designs are suited to walls and ceilings.

These timber acoustic panels, when grouped together offer superb visuals and when incorporated correctly within a design can look outstanding using various grain options and low tonal colours.

Acusorb® Medera wooden acoustic panels for walls and ceilings are a stunning solution for when you need to achieve sleek elegant lines and curves whilst incorporating exceptional noise control. With noise control in mind, these timber acoustic planks and panels are best installed with an air gap behind incorporating an acoustic grade mineral fibre creating the perfect looking acoustic wall and ceiling system with unrivalled acoustic absorption characteristics.

"A perfect acoustic solution for when clean lines and a contemporary feel is required"

Wooden acoustic panels and wooden acoustic slats are a perfect accompaniment to any internal space where reflective sound may become an issue. Suited to control sound in large atriums, concert halls, lecture theatres, cinemas, hotels, restaurants and lobbies, reception areas and large public interior spaces.

Acusorb® Medera panels are purpose made and tailored to each project. Designs can be varied to meet the acoustic and visual requirements of individual spaces. Perforation and slot designs can be finely tuned by acoustic engineers to provide optimal performance that will suit the room dimensions and functional purpose.

MDF, Real Wood, Melamine, Acoustic Design with Durability & Fire

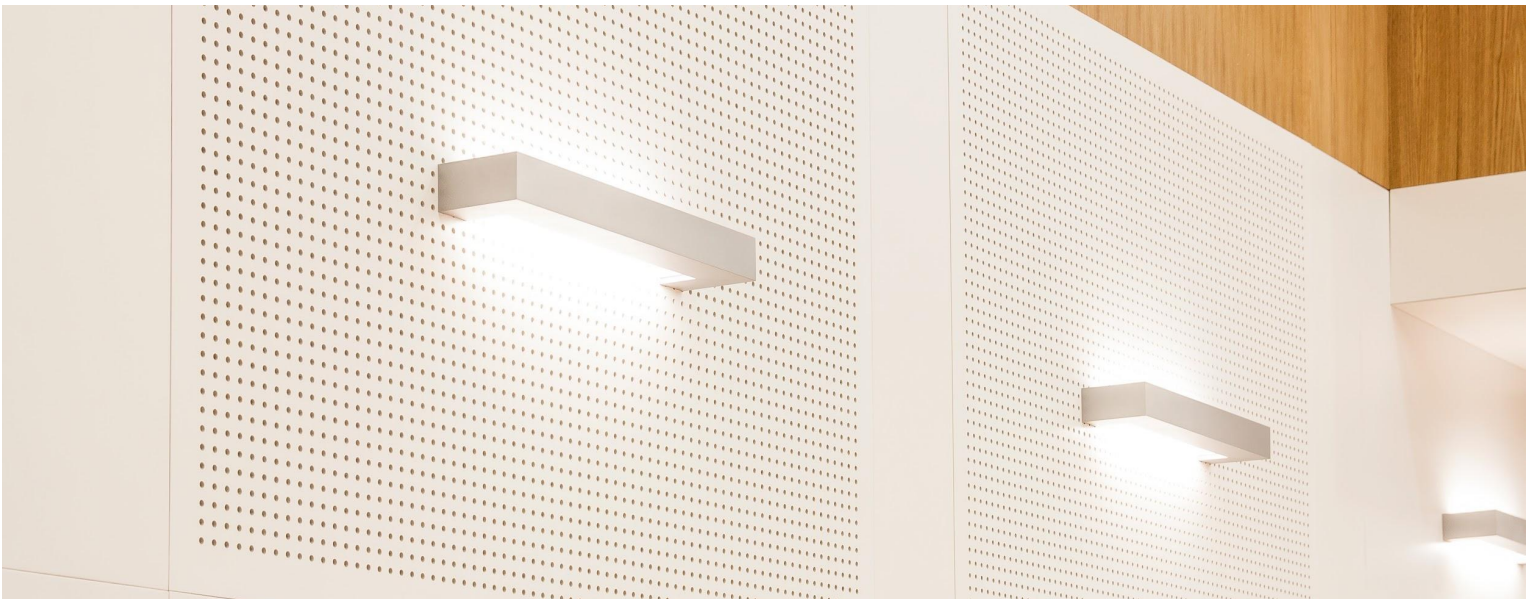
Real wood or veneer finished wall and ceiling acoustic treatment are one of the most effective retrofit solutions for sound reduced working and communal environments. Perfect for offices, auditoriums, sports halls, locker rooms, classrooms, restaurants and the more commercial environment. Acusorb® Medera acoustic panels come in a multitude of timber veneer options and can have 'Class A' acoustic performance characteristics. With a range perforation size, slat and slot openings, colour and grain variations, versatility to create that specific design with functionality and beauty becomes simple.

FSC®

ISO 9001 2015 CERTIFIED

PERFORATED ACOUSTIC TIMBER PANEL.

Acusorb® Medera Perforated



Acusorb® Medera Perforated timber acoustic wall and ceiling panel system.

FT. CNC machined perforations for maximum absorption.

Description

Acusorb® Medera Perforated acoustic panels are visually stunning wooden perforated or micro-perforated acoustic panels made up of a series of perforations. Each panel has a CNC machined groove joint for either a seamless or shadow gap joint when installing. Our perforations come in five standard patterns varying from 0.5mm up to 8.0mm with either linear or staggered hole arrangement. The surface comes in three finishing types, painted MDF, melamine, and timber veneer. The base material can be made of either MDF, fire-resistant MDF, eco-friendly MDF.

Acusorb® Medera Perforated acoustic panels form part of a family of products encompassing the Medera Perforated, Medera linear, Medera Raft, Medera Flexi, Medera Diffuse and Medera Slat not to be confused with the Medera Slot, and are all beautifully designed for their looks whilst reducing noise levels projected by general day to day occurrences minimising sounds reverberation or echo within any space. Acusorb® Medera Perforated design minimises noise breakout to adjoining rooms and creates a soft and peaceful tranquillity within the room. This type of acoustic timber panel system is uniquely assembled allowing them to absorb and centralise sound waves. By simply adding a sound absorbing material behind these slats, a 'Class A' absorption classification can be achieved.

Suited to public buildings, in areas such as, communal spaces, reception areas, conference rooms, atria, auditoria and breakout spaces. Acusorb® Medera Perforated can be used in offices, restaurants, schools, universities and other areas where high traffic is normal and where a visually striking acoustic performance is required. There is a wide range of options when it comes to surface finishes offering many possibilities that will offer variation to the look and feel of the finished space.

Our professional team are here to help you with any questions.

SUSPENDED ACOUSTIC TIMBER RAFT

Acusorb® Medera Raft

Acusorb® Medera Rafts. 'Class A' acoustic performance, perfect for areas using a ‘thermal mass construction’ air tightness building method.

Carefully crafted timber acoustic rafts

Description

The Acusorb® Medera Raft is a finished wooden acoustic ceiling raft that combines great looks with performance. This product offers an exciting and creative alternative to traditional ceiling rafts. Medera Rafts are the ideal retrofit solution to your existing ceiling and will totally transform your space with this simple upgrade. They are designed to achieve the highest acoustic performance without compromising on style. Their purpose is to absorb sound enabling the optimum level of acoustic comfort, Medera Rafts reduce reverberant noise being perceived as “echo” ensuring enhanced speech intelligibility and spatial acoustic comfort.

Simply locate and easily fit Medera Rafts with adjustable drop wires to achieve a refreshed visual appeal, enhanced sound absorption, design flexibility and rapid installation. Medera Rafts comes in our Medera laminate concept timber veneers and colours, this is durable, easy to clean finish with zero VOC emissions and can be ‘Class 0’ resistant to fire if required.

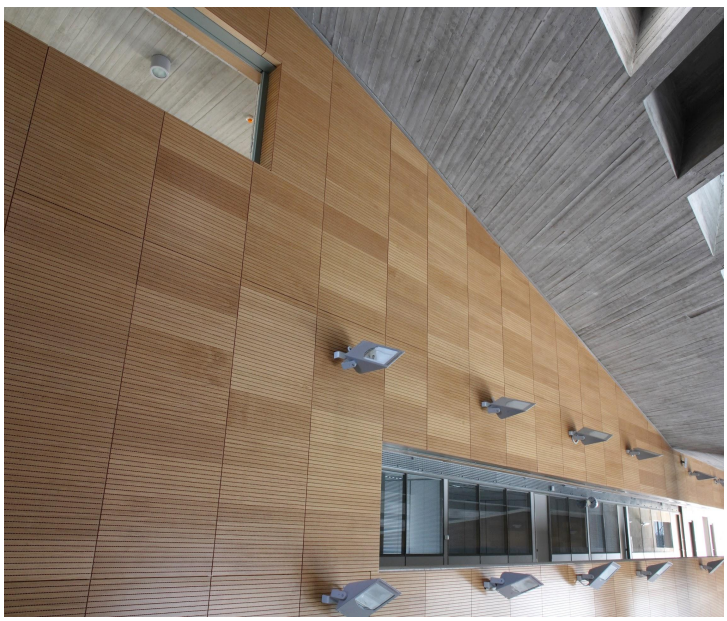
These rafts come in a range of aesthetically attractive acoustic patterns giving you that added option to easily eliminate noise reverberation problems whilst looking superb. Finishes and patterns may be mixed and matched giving you design flexibility.

These rafts can be used for many types of application, for example, offices, schools, restaurants, hospitals, retail outlets, hospitality and leisure facilities. Medera Rafts not only ensure excellent acoustic results but also offer superb visual characteristics that enhance the dynamics and appearance of any space. These acoustic rafts are available in a variety of concept veneer and colours. They have a minimum of 40mm thickness, and can be sized and shaped to your specification. They offer ‘Class A’ acoustic performance and are perfect for areas using a ‘thermal mass construction’ air tightness building method by enabling the air to flow freely around the room.

Our professional team are here to help you with any questions.

Reception Area
Functional with curved style, designed for sound control.

University Walkway & Slatted Plank
Let the imagination run wild, quieten down an otherwise noisy space.



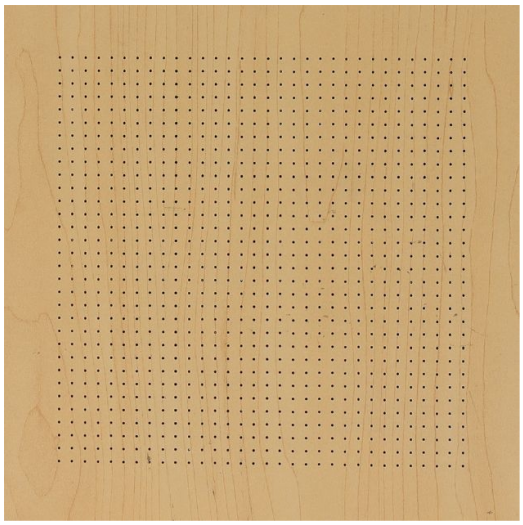
Atrium Fire Rated Wall boards
Noise control designed with safety at the forefront.

Perforations Available.

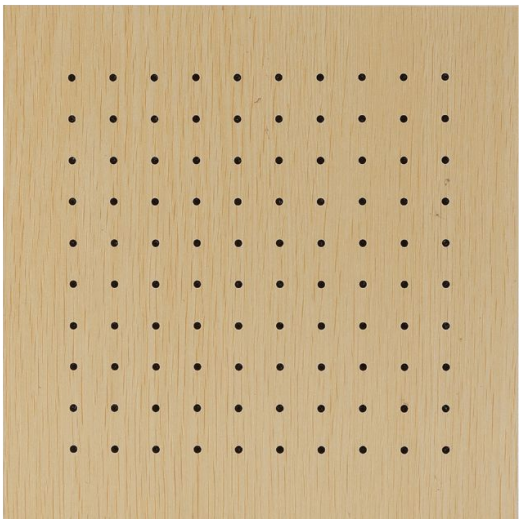
Unlike the traditional perforated acoustic panel, micro-perforated acoustic panels offer a seemingly invisible solution for wall and ceiling decoration, the surface of the panel is drilled with numerous tiny micro-perforations which provides an excellent acoustic performance, designed mainly to trap the noise and reduce the reverberation time in the room.

With 0.5mm micro-perforation, it's difficult to notice any hole on the decorative board, keeping the finish completed.

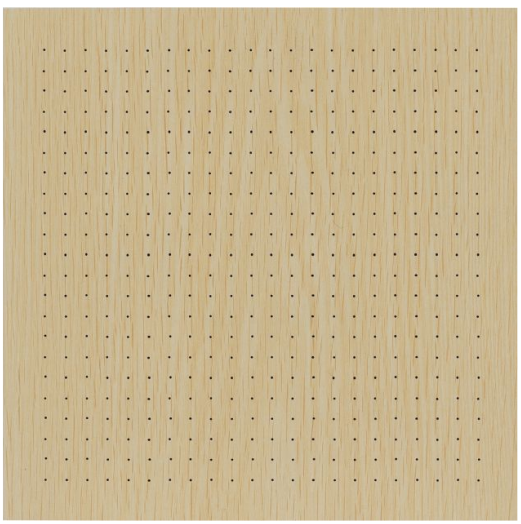
There are various options for the finish, melamine, HPL and veneer. 3 types of standard, 2/2/0.5, 4-4-0.5, 8-8-0.5, according to the different types, the distance of the distribution of the holes will be different, each square meter (m^2) can have an approximate **maximum of 300,000 holes m^2.**



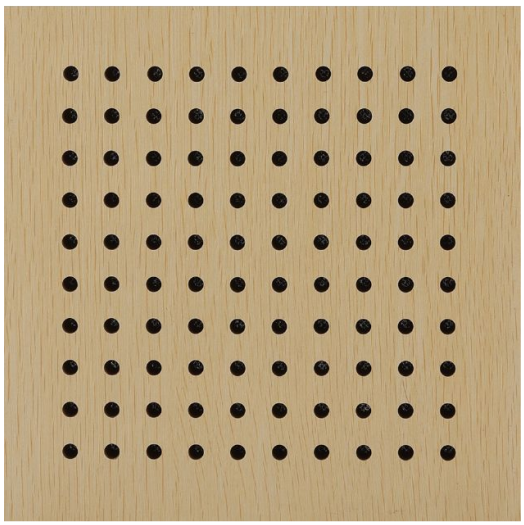
PAE5/1-12/15



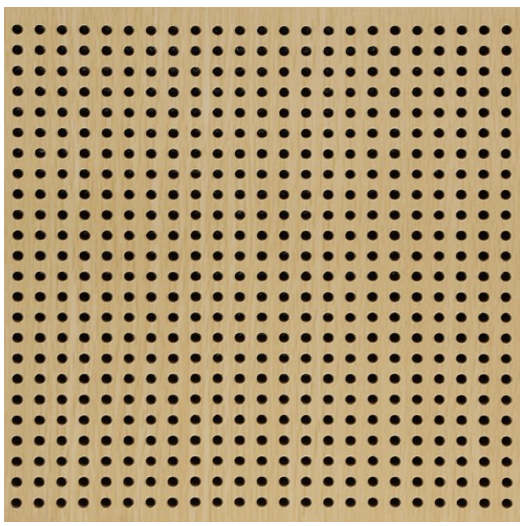
PAE16/3-10/15



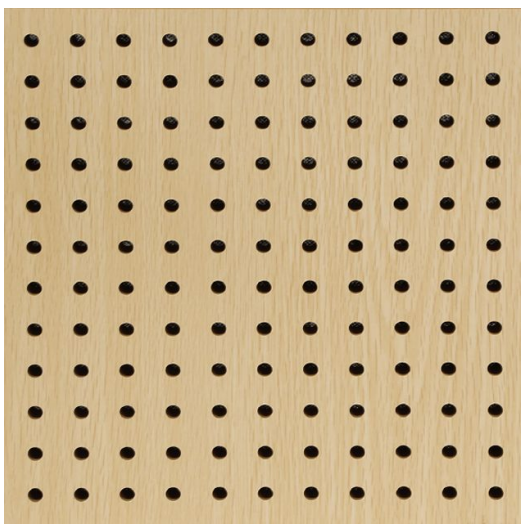
PAE8/1-12/15



PAE16/6/15



PAE12/6/16



PAE24/8/15

Perforations Available.

PAV2.2/05-12/15

Core Materials.

MDF, which stands for "medium-density fiberboard" is recycled pieces of wood pressed together with binders under conditions of high temperature and heat.

MDF board has many benefits. For one, it's stronger than particle board (made from compressed sawdust) and can be manufactured with a veneer face to create a solid looking wooden board.

Compared with hardwood, MDF is lighter, the additives within repel termites, do not allow mould or fungus to take hold and it reduces warp in humid conditions. All in all, it's a low cost, sturdy, low-maintenance middle ground in the world of wooden decorative furnishings. MDF also has many different variations based on its functionality, the followings are the standard types that are applied to our acoustic range of products.

Normal MDF
Normal MDF without any special treatment, low cost for budget tight projects.

Pine Eco-Friendly MDF
Eco-friendly MDF, low formaldehyde emission, high density.

B1 MDF
Fire retardant MDF, maximum fire rating can reach B1.

Black MDF
With both advantages of E1 and B1, high density and better against humidity

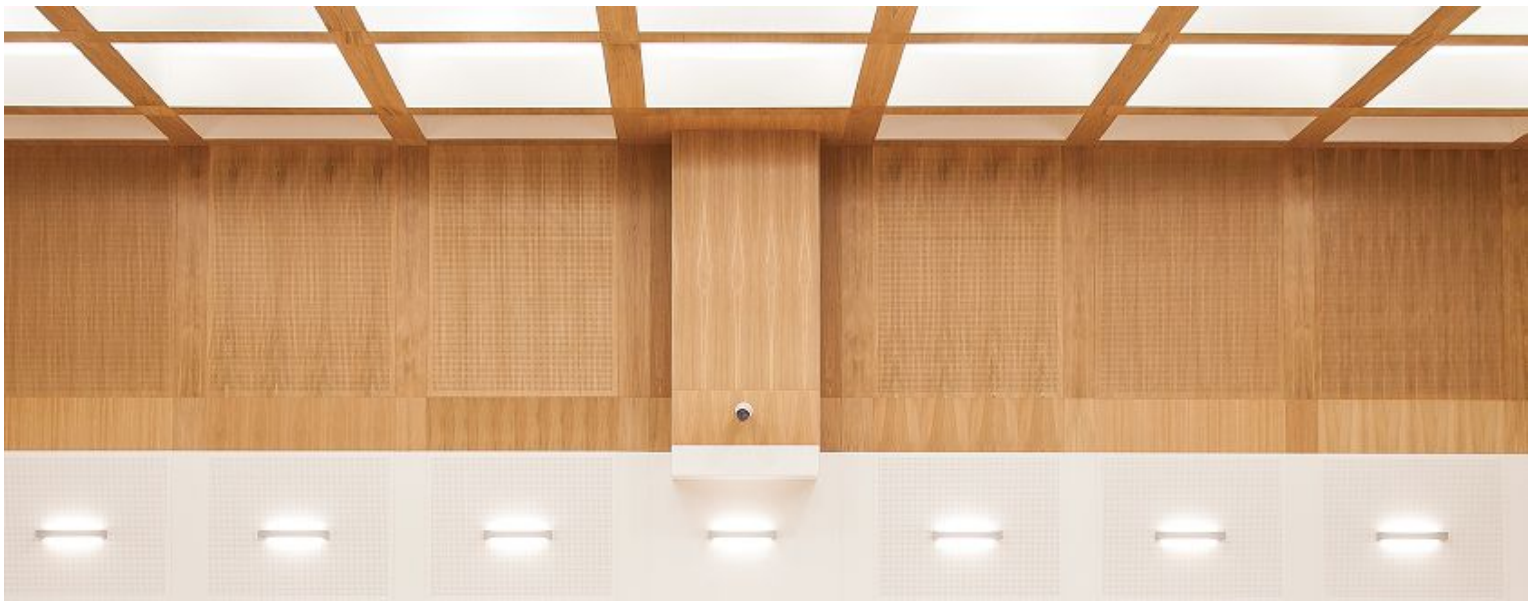
Green MDF
Same as E1 MDF, but added agent to improve humidity resistance.

MGO
A Magnesium Oxide board, better known as "MgO board" is a non-insulating factory manufactured casing board product, an exciting alternative core material for producing acoustic products.

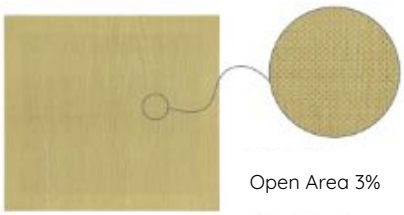
They are a composition of mineral cement and magnesium oxide. MgO boards are essentially sheathing boards similar to that of fibre cement boards and drywall. MgO boards have the additional characteristics to compensate for fire, weather resistance and increased durability.

Finishes available are natural wood veneer, tech wood veneer, melamine, UV and RAL or NCS pantone lacquered etc.

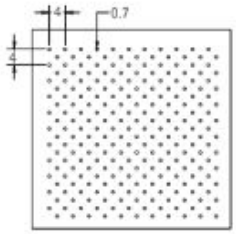
Acoustic Performance.

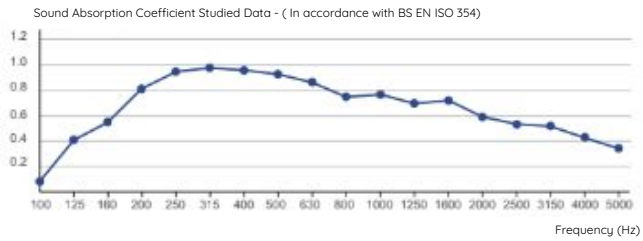


PAV4/0.7-12/15



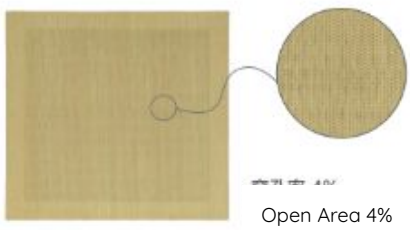
Open Area 3%





AcuSorb® Medera PAV4/0.7-12/15	System Thickness (mm)	Sound Absorption Coefficient Studied Data - (In accordance with BS EN ISO 354) Octave Bands (Hz)								Building Regulations Absorber Classification When tested to BS EN ISO 11654-1997
		125	250	500	1k	2k	4k	α_w	NRC	
15mm AcuSorb® Medera PAV4/0.7-12/15, with 50mm mineral fibre, with **no** air gap	65mm	0.41	0.95	0.93	0.77	0.59	0.43	0.65	0.81	**C**
15mm AcuSorb® Medera PAV4/0.7-12/15, with 50mm mineral fibre, with 40mm air gap	105mm-	0.25	0.81	1.00	0.85	0.86	0.96	0.87	0,88	**B**
15mm AcuSorb® Medera PAV4/0.7-12/15, with 50mm mineral fibre, with 50mm air gap.	115mm	0.22	0.88	0.91	0.95	0.96	0.79	0.90	0.93	**A**

PAV2.2/0.5-12/15



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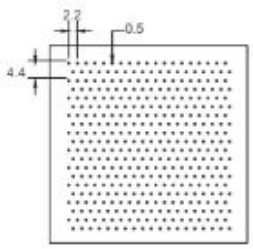
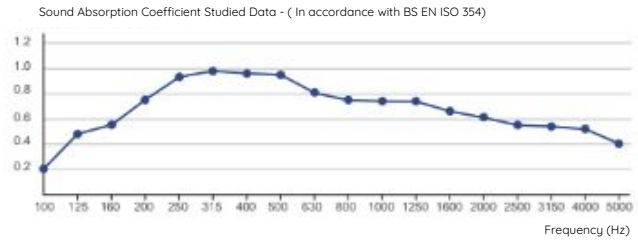




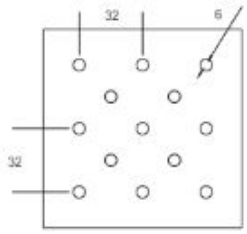
AcuSorb® Medera PAV2.2/0.5-12/15	System Thickness (mm)	Sound Absorption Coefficient Studied Data - (In accordance with BS EN ISO 354) Octave Bands (Hz)								Building Regulations Absorber Classification When tested to BS EN ISO 11654-1997
		125	250	500	1k	2k	4k	α_w	NRC	
15mm AcuSorb® Medera PAV2.2/0.5-12/15, with 50mm mineral fibre, with **no** air gap	65mm	0.48	0.95	0.96	0.74	0.61	0.52	0.65	0.82	**C**
15mm AcuSorb® Medera PAV2.2/0.5-12/15, with 50mm mineral fibre, with 50mm air gap.	115mm	0.26	0.68	0.94	0.96	0.98	0.79	0.90	0.89	**A**

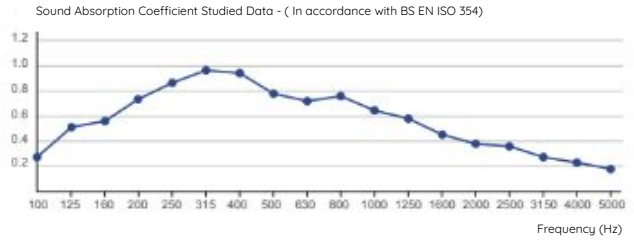
Values quoted are typical and based on the treatment being installed correctly and pre-completion tested (PCT). Performance figures shown are for indicative purposes only. For technical advice please contact Acuphon's technical support.

Acoustic Performance.

PAV32/6/15

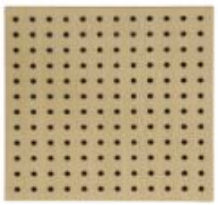
Open Area 6%





AcuSorb® Medera PAV32/6/15	System Thickness (mm)	Sound Absorption Coefficient Studied Data - (In accordance with BS EN ISO 354) Octave Bands (Hz)								Building Regulations Absorber Classification When tested to BS EN ISO 11654-1997
		125	250	500	1k	2k	4k	α_w	NRC	
15mm AcuSorb® Medera PAV32/6/15 with 50mm mineral fibre, with **no** air gap	65mm	0.53	0.86	0.78	0.64	0.38	0.23	0.40	0.67	**D**

PAE24/8/15



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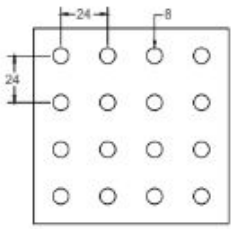
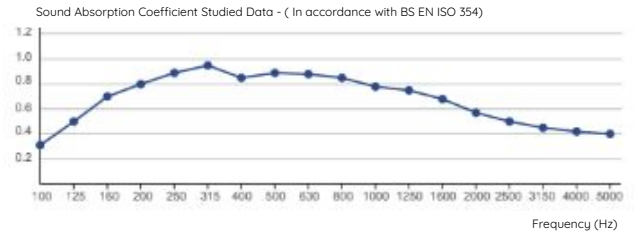
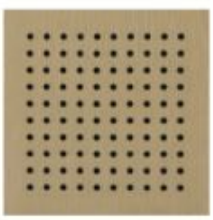




AcuSorb® Medera PAE24/8/15	System Thickness (mm)	Sound Absorption Coefficient Studied Data - (In accordance with BS EN ISO 354) Octave Bands (Hz)								Building Regulations Absorber Classification When tested to BS EN ISO 11654-1997
		125	250	500	1k	2k	4k	α_w	NRC	
15mm AcuSorb® Medera PAE24/8/15 with 50mm mineral fibre, with **no** air gap	65mm	0.50	0.89	0.89	0.78	0.57	0.42	0.60	0.79	**C**

PAE16/6/15



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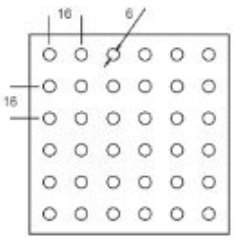
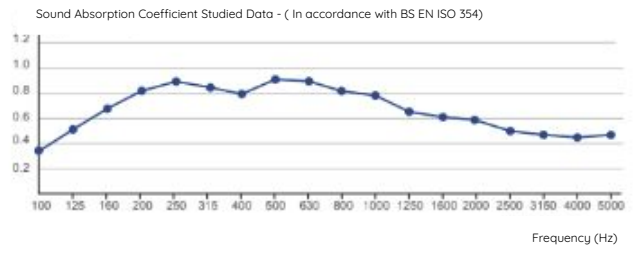


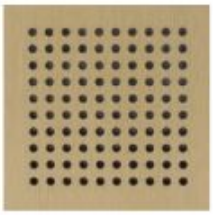


AcuSorb® Medera PAE16/6/15	System Thickness (mm)	Sound Absorption Coefficient Studied Data - (In accordance with BS EN ISO 354) Octave Bands (Hz)								Building Regulations Absorber Classification When tested to BS EN ISO 11654-1997
		125	250	500	1k	2k	4k	α_w	NRC	
15mm AcuSorb® Medera PAE16/6/15 with 50mm mineral fibre, with **no** air gap	65mm	0.51	0.90	0.92	0.79	0.59	0.45	0.60	0.8	**C**

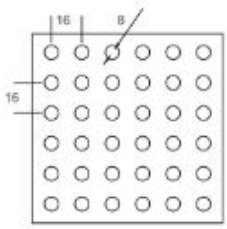
Values quoted are typical and based on the treatment being installed correctly and pre-completion tested (PCT). Performance figures shown are for indicative purposes only. For technical advice please contact Acuphon's technical support.

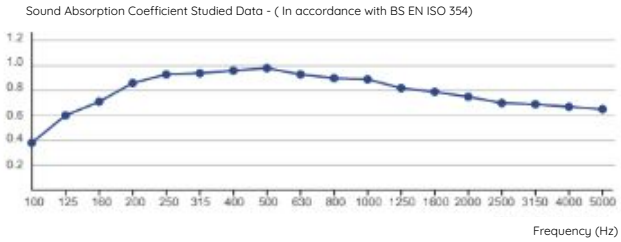
Acoustic Performance.

PAE16/8/15



Open Area 20%

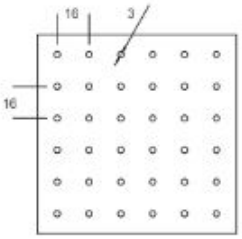


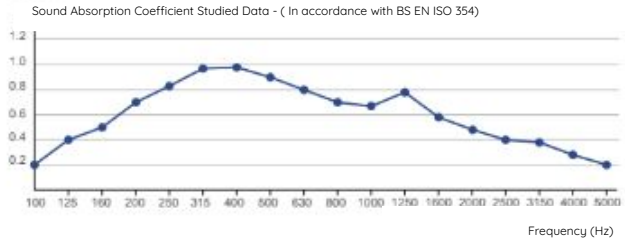


AcuSorb® Medera PAV16/8/15	System Thickness (mm)	Sound Absorption Coefficient Studied Data - (In accordance with BS EN ISO 354) Octave Bands (Hz)								Building Regulations Absorber Classification When tested to BS EN ISO 11654-1997
		125	250	500	1k	2k	4k	α_w	NRC	
15mm AcuSorb® Medera PAV16/8/15 with 50mm mineral fibre, with **no** air gap	65mm	0.60	0.93	0.98	0.89	0.75	0.67	0.80	0.89	**B**

PAE16/3-10/15

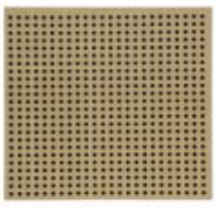
Open Area 3%



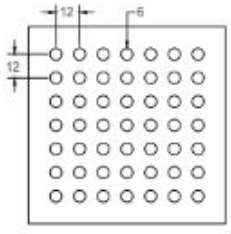


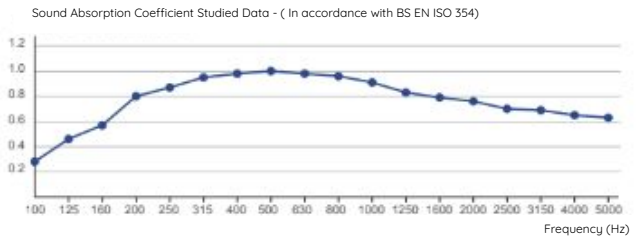
AcuSorb® Medera PAE16/3-10/15	System Thickness (mm)	Sound Absorption Coefficient Studied Data - (In accordance with BS EN ISO 354) Octave Bands (Hz)								Building Regulations Absorber Classification When tested to BS EN ISO 11654-1997
		125	250	500	1k	2k	4k	α_w	NRC	
15mm AcuSorb® Medera PAE16/3-10/15 with 50mm mineral fibre, with **no** air gap	65mm	0.40	0.83	0.90	0.67	0.48	0.28	0.45	0.72	**D**

PAE12/6/15



Open Area 20%





AcuSorb® Medera PAE12/6/15	System Thickness (mm)	Sound Absorption Coefficient Studied Data - (In accordance with BS EN ISO 354) Octave Bands (Hz)								Building Regulations Absorber Classification When tested to BS EN ISO 11654-1997
		125	250	500	1k	2k	4k	α_w	NRC	
15mm AcuSorb® Medera PAE12/6/15 with 50mm mineral fibre, with **no** air gap	65mm	0.48	0.87	1.00	0.91	0.76	0.65	0.80	0.89	**B**

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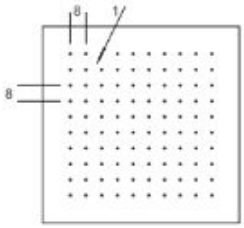
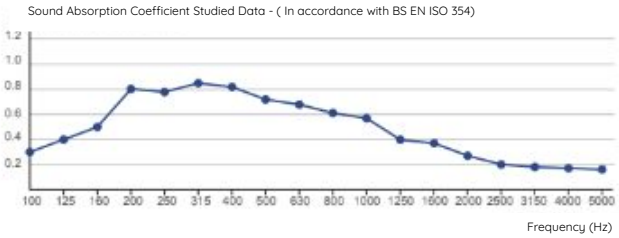
Acoustic Performance.

PAE8/1-12/15

Open Area 2%

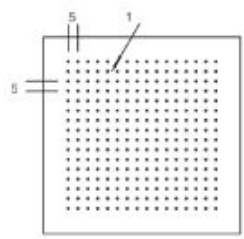


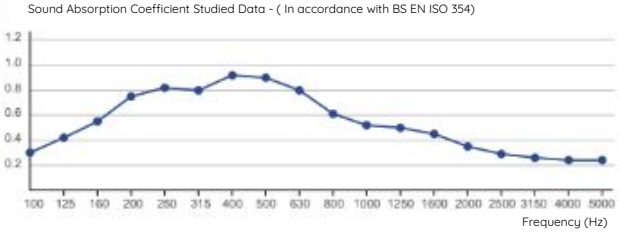


AcuSorb® Medera PAE8/1-12/15	System Thickness (mm)	Sound Absorption Coefficient Studied Data - (In accordance with BS EN ISO 354) Octave Bands (Hz)								Building Regulations Absorber Classification When tested to BS EN ISO 11654-1997
		125	250	500	1k	2k	4k	α_w	NRC	
15mm AcuSorb® Medera PAE8/1-12/15 with 50mm mineral fibre, with **no** air gap	65mm	0.40	0.78	0.72	0.57	0.27	0.17	0.35	0.59	**D**

PAE5/1-12/15

Open Area 3.4%





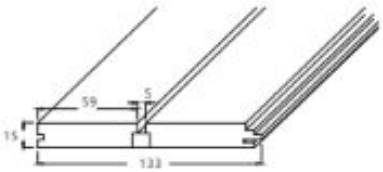
AcuSorb® Medera PAE5/1-12/15	System Thickness (mm)	Sound Absorption Coefficient Studied Data - (In accordance with BS EN ISO 354) Octave Bands (Hz)								Building Regulations Absorber Classification When tested to BS EN ISO 11654-1997
		125	250	500	1k	2k	4k	α_w	NRC	
15mm AcuSorb® Medera PAE5/1-12/15 with 50mm mineral fibre, with **no** air gap	65mm	0.42	0.82	0.90	0.52	0.35	0.24	0.40	0.65	**D**
15mm AcuSorb® Medera PAE5/1-12/15 with 25mm mineral fibre, with 20mm air gap	60mm	0.19	0.42	0.85	1.00	0.85	0.86	0.75	0.78	**C**
15mm AcuSorb® Medera PAE5/1-12/15 with 50mm mineral fibre, with 70mm air gap	135mm-	0.26	0.79	1.00	0.81	0.84	0.95	0.85	0.86	**B**

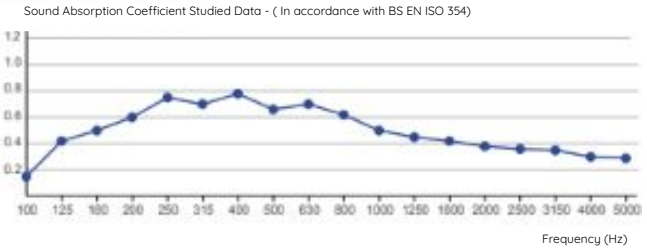
Values quoted are typical and based on the treatment being installed correctly and pre-completion tested (PCT). Performance figures shown are for indicative purposes only. For technical advice please contact Acuphon's technical support.

Acoustic Performance.

GA59-5

Open Area 5.5%

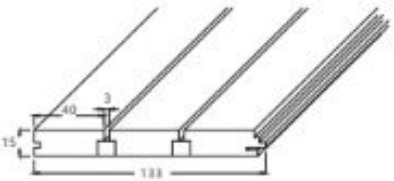


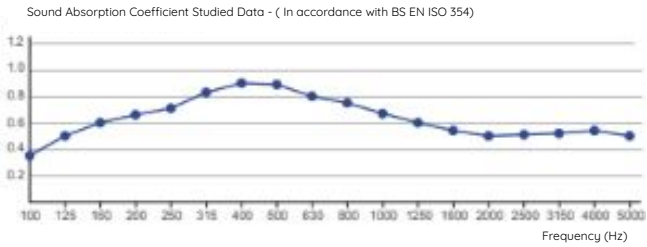


AcuSorb® Medera GA 59-5	System Thickness (mm)	Sound Absorption Coefficient Studied Data - (In accordance with BS EN ISO 354) Octave Bands (Hz)								Building Regulations Absorber Classification When tested to BS EN ISO 11654-1997
		125	250	500	1k	2k	4k	α_w	NRC	
15mm AcuSorb® Medera GA59-5 with 50mm mineral fibre, with **no** air gap	65mm	0.42	0.75	0.66	0.50	0.38	0.30	0.45	0.58	**D**

GA40-3

Open Area 5%

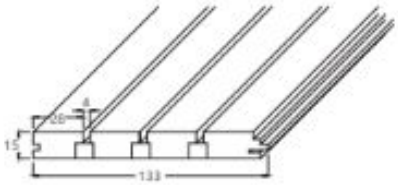


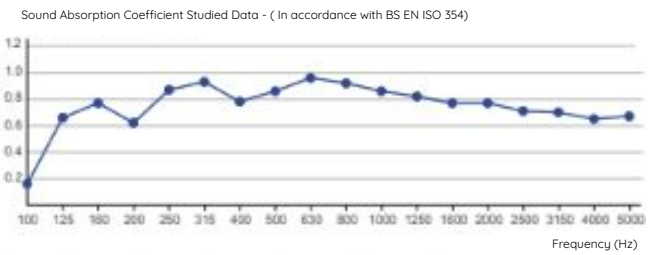


AcuSorb® Medera GA40-3	System Thickness (mm)	Sound Absorption Coefficient Studied Data - (In accordance with BS EN ISO 354) Octave Bands (Hz)								Building Regulations Absorber Classification When tested to BS EN ISO 11654-1997
		125	250	500	1k	2k	4k	α_w	NRC	
15mm AcuSorb® Medera GA40-3 with 50mm mineral fibre, with **no** air gap	65mm	0.50	0.71	0.89	0.67	0.50	0.54	0.60	0.70	**C**

GA28-4

Open Area 8%



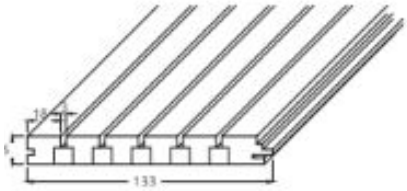


AcuSorb® Medera GA28-4	System Thickness (mm)	Sound Absorption Coefficient Studied Data - (In accordance with BS EN ISO 354) Octave Bands (Hz)								Building Regulations Absorber Classification When tested to BS EN ISO 11654-1997
		125	250	500	1k	2k	4k	α_w	NRC	
15mm AcuSorb® Medera GA28-4 with 50mm mineral fibre, with **no** air gap	65mm	0.66	0.87	0.86	0.86	0.77	0.65	0.85	0.84	**B**

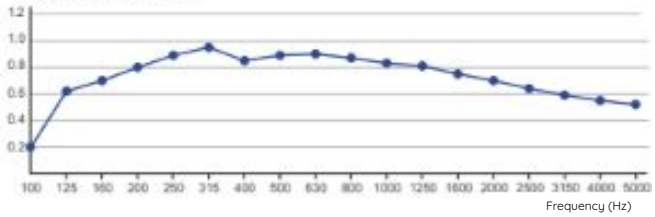
Acoustic Performance.

GA18-3

Open Area 9%



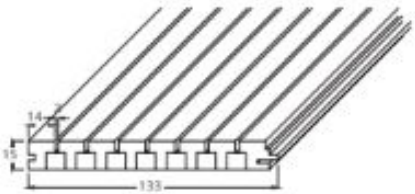
Sound Absorption Coefficient Studied Data - (In accordance with BS EN ISO 354)



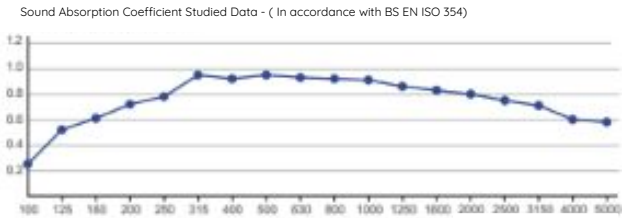
AcuSorb® Medera GA 18-3	System Thickness (mm)	Sound Absorption Coefficient Studied Data - (In accordance with BS EN ISO 354) Octave Bands (Hz)								Building Regulations Absorber Classification When tested to BS EN ISO 11654-1997
		125	250	500	1k	2k	4k	α_w	NRC	
15mm AcuSorb® Medera GA18-3 with 50mm mineral fibre, with **no** air gap	65mm	0.62	0.89	0.89	0.83	0.70	0.55	0.75	0.83	**C**

GA14-2

Open Area 8%



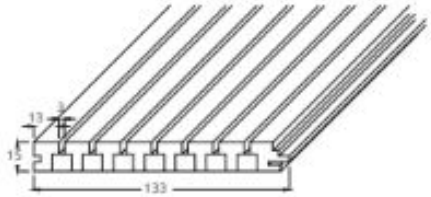
Sound Absorption Coefficient Studied Data - (In accordance with BS EN ISO 354)



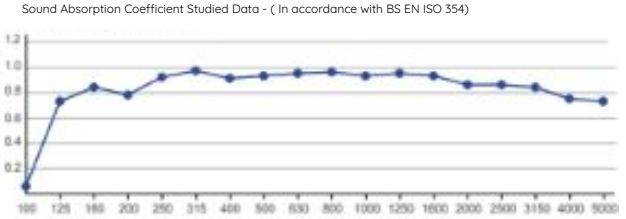
AcuSorb® Medera GA14-2	System Thickness (mm)	Sound Absorption Coefficient Studied Data - (In accordance with BS EN ISO 354) Octave Bands (Hz)								Building Regulations Absorber Classification When tested to BS EN ISO 11654-1997
		125	250	500	1k	2k	4k	α_w	NRC	
15mm AcuSorb® Medera GA14-2 with 50mm mineral fibre, with **no** air gap	65mm	0.52	0.78	0.95	0.91	0.80	0.60	0.80	0.86	**B**

GA13-3

Open Area 12%



Sound Absorption Coefficient Studied Data - (In accordance with BS EN ISO 354)

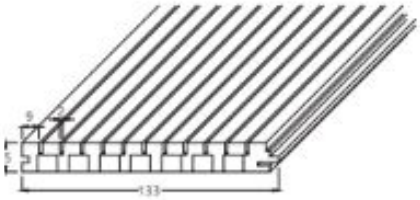


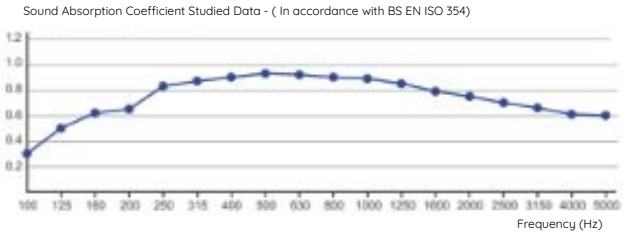
AcuSorb® Medera GA13-3	System Thickness (mm)	Sound Absorption Coefficient Studied Data - (In accordance with BS EN ISO 354) Octave Bands (Hz)								Building Regulations Absorber Classification When tested to BS EN ISO 11654-1997
		125	250	500	1k	2k	4k	α_w	NRC	
15mm AcuSorb® Medera GA13-3 with 50mm mineral fibre, with **no** air gap	65mm	0.73	0.92	0.93	0.93	0.86	0.75	0.90	0.91	**A**

Acoustic Performance.

GA9-2

Open Area 12%

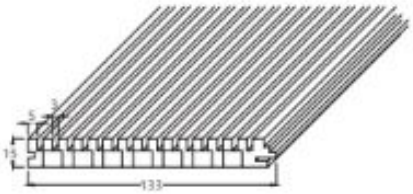


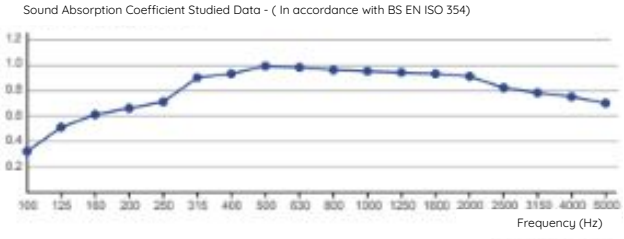


AcuSorb® Medera GA9-2	System Thickness (mm)	Sound Absorption Coefficient Studied Data - (In accordance with BS EN ISO 354) Octave Bands (Hz)								Building Regulations Absorber Classification When tested to BS EN ISO 11654-1997
		125	250	500	1k	2k	4k	α_w	NRC	
15mm AcuSorb® Medera GA9-2 with 50mm mineral fibre, with **no** air gap	65mm	0.50	0.83	0.93	0.83	0.70	0.55	0.75	0.83	**C**

GA5-3

Open Area 19%

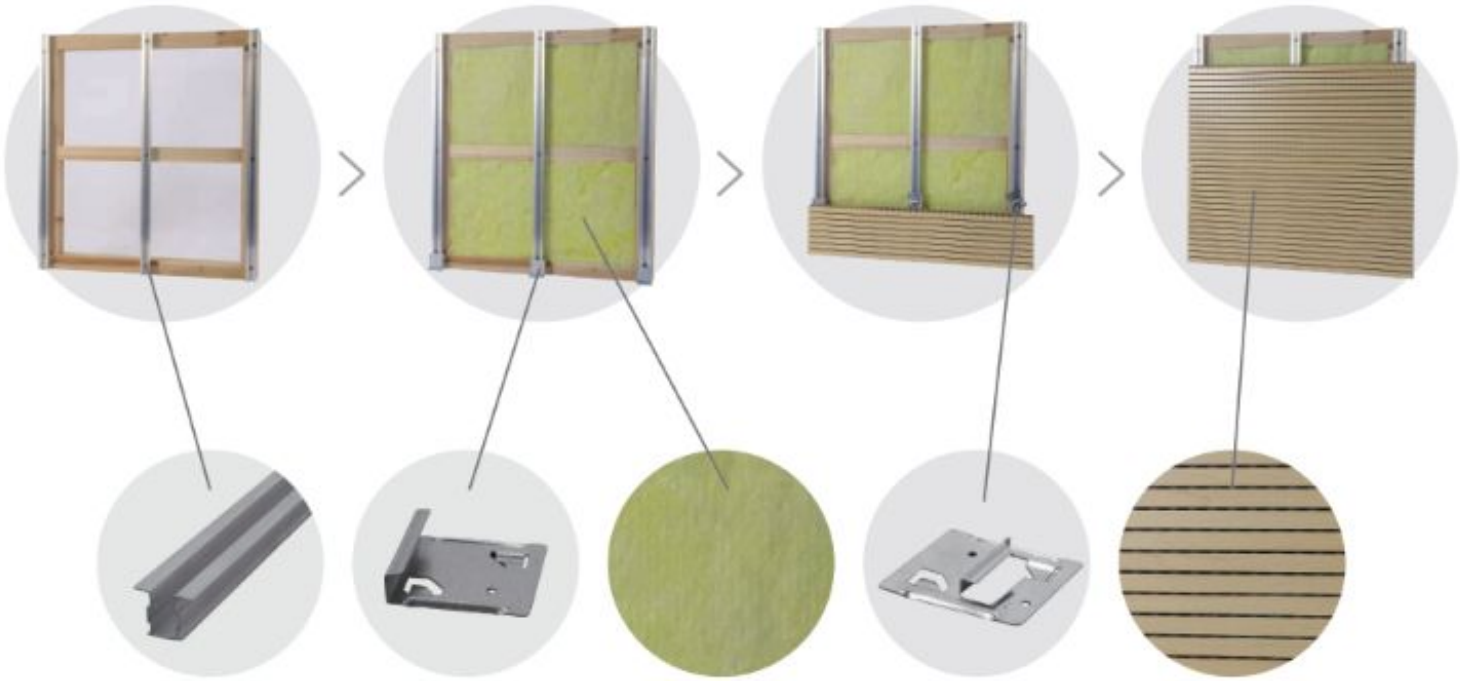




AcuSorb® Medera GA5-3	System Thickness (mm)	Sound Absorption Coefficient Studied Data - (In accordance with BS EN ISO 354) Octave Bands (Hz)								Building Regulations Absorber Classification When tested to BS EN ISO 11654-1997
		125	250	500	1k	2k	4k	α_w	NRC	
15mm AcuSorb® Medera GA5-3 with 50mm mineral fibre, with **no** air gap	65mm	0.51	0.71	0.99	0.95	0.91	0.75	0.95	0.90	**A**

NOTE: Building Regulations, Absorber Classification(s) where the tables indicate NO airgap, these undoubtedly improve where an airgap is added. In cases where multiple classifications are presented, on-site validation has confirmed these improvements after installation.
45Kg mineral fibre recommended.

Wall Installation Method.



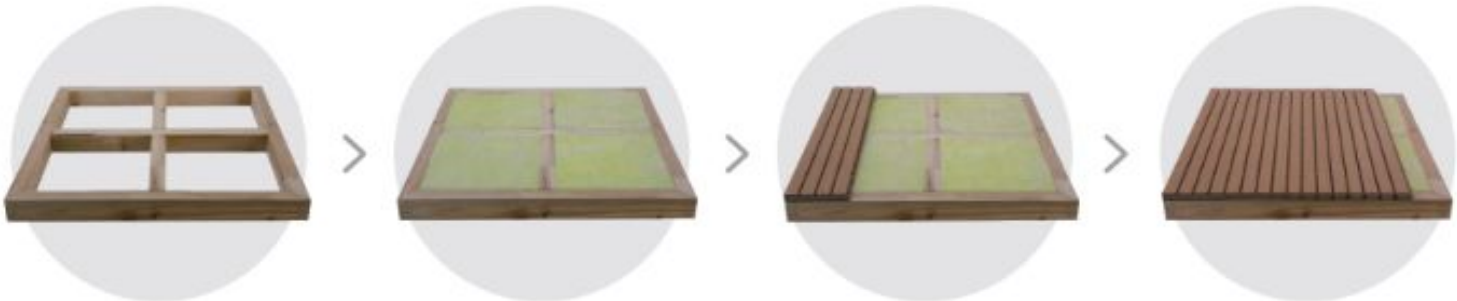
The installation site must be dry and reach the specified temperature and humidity standards at least 24 hours before installation. The minimum temperature required by the installation site is 15 degrees, and the maximum humidity change value after installation should be controlled within the range of 40%-60%.

Before installation, the packaging box must be opened for at least 48 hours, so that the product can achieve the same environmental characteristics as the installation site.

To install the wood keel or steel keel as per design drawing and construction drawing. The configuration for the keel should be the same as the wood acoustic panel. The recommended distance is 300~600mm.

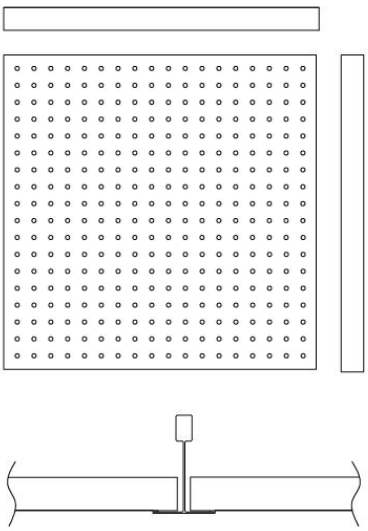
The gap between the keel should be filled with sound-absorbing mineral fibre, which needs to be installed and treated in advance according to the design, and will not affect the installation of the acoustic panel

Wood Batten Installation Method

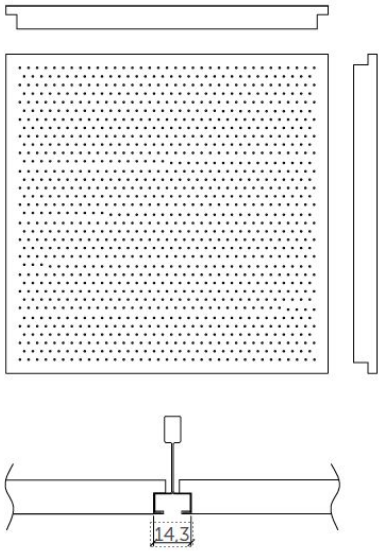


Suspended Ceiling Fixing Options.

System T
exposed, demountable

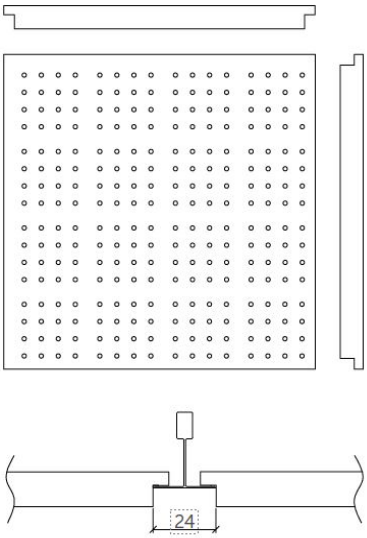


System C
exposed, demountable

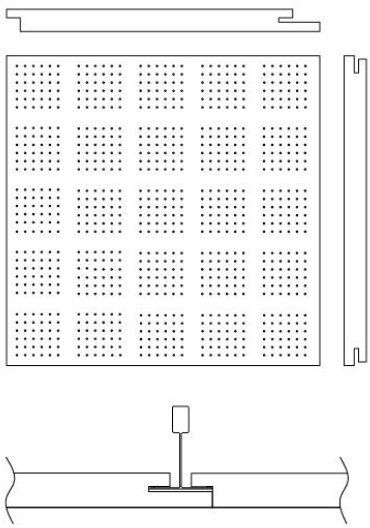


* Optional pre-installed LED strip

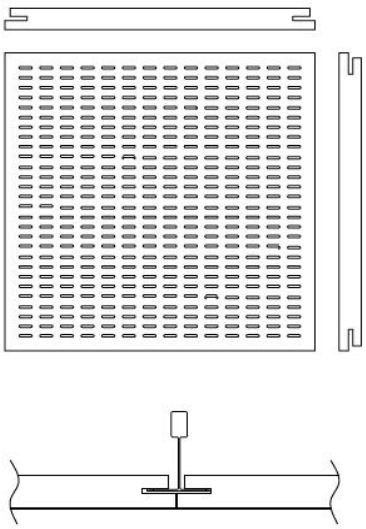
System L
Immersed, demountable



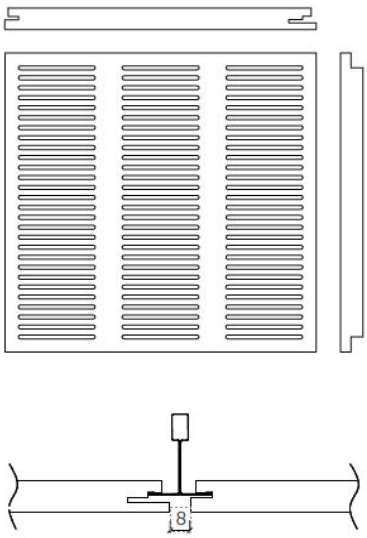
System S
Concealed, demountable



System S1
Concealed, non- demountable



System S2SG
Concealed with shadow gap, demountable



Medera Technical Specification.

1. Product Overview

Install with the following components:

Acusorb® Medera Raft panels in the size of.....mm long X .....mm wide X .....shape (ref.....)

Acusorb® Medera Perforated panels in the size of.....mm long X .....mm wide X .....shape (ref.....)

Acusorb® Medera Slat in the size of.....mm long X .....mm wide X .....shape (ref.....)

Acusorb® Medera Slot in the size of.....mm long X .....mm wide X .....shape (ref.....)

Acusorb® Medera Linear in the size of.....mm long X .....mm wide X .....shape (ref.....)

Acusorb® Medera Flex in the size of.....mm long X .....mm wide X .....shape (ref.....)

Acusorb® Medera Diffuse in the size of.....mm long X .....mm wide X .....shape (ref.....)

2. Finish

Colour and finish to be chosen from our standard Medera Finishes range:

Engineered Veneer (EV).....

Natural Veneer (NV).....

RAL/NCS - Colour.....

3. Tolerance

Panel cutting tolerance: +/- 2mm.

4. Fire Performance

Reaction to fire (BS EN 13501-1:2007) B-s1, d0. Required.....Yes/No
Reaction to fire (BS EN 13501-1:2007) A2-s1, d0. Required .....Yes/No

5. Nominal Density & Weight

Acusorb® Medera core board is 680kg/m³ - 1200kg/m³ and the finished product weight is 13.5kg/m² - 18.5kg/m².

See technical specifications

6. Installation

Install Acusorb® Medera Timber acoustic wall panels, ceiling panels & Slats in client specific locations, level and in alignment with other product types. Comply with manufacturer's written instructions for installation of panels using type of fixing accessories indicated as above as recommended by the manufacturer.

7. Storage, Delivery & Handling

Protect Acusorb® Medera Timber acoustic panels from excessive moisture when storing, and handling. Keep panels flat at all times. **Acclimatisation Note** - Acusorb® Medera must be acclimatised for 3 to 4 days in the installation area prior to starting the installation. Please ensure that all Acusorb® Medera products are equally exposed to the ambient conditions of the installation area. The plastic wrap must be removed during this acclimatisation period.

8. Cleaning

After completion of installation remove all dust.

Always remove surplus material, debris and rubbish resulting from panel installation. On completion of works leave areas of installation neat and tidy.

9. Supplier

Acusorb® Medera Timber acoustic panels supplied by:

Acuphon Ltd, Orchard House, Fuller Street, Ruddington, Nottinghamshire, NG11 6HU, United Kingdom.

Tel: 01904 900 194 Email: sales@acuphon.co.uk Web: www.acuphon.co.uk