Catalog

reddot winner 2020

Public Spaces

V/COUSTIC

INNOVATIVE ACOUSTIC SOLUTIONS

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A slight color variation may occur between different batches.

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Photo credits:
pp. 6-7 - Restaurant Be Live - Algarve, Portugal (Som e Acústica / Online Acoustics)
pp. 31, 54 - Howard's Folly Restaurant & Visit Centre - Estremoz, Portugal

Catalog

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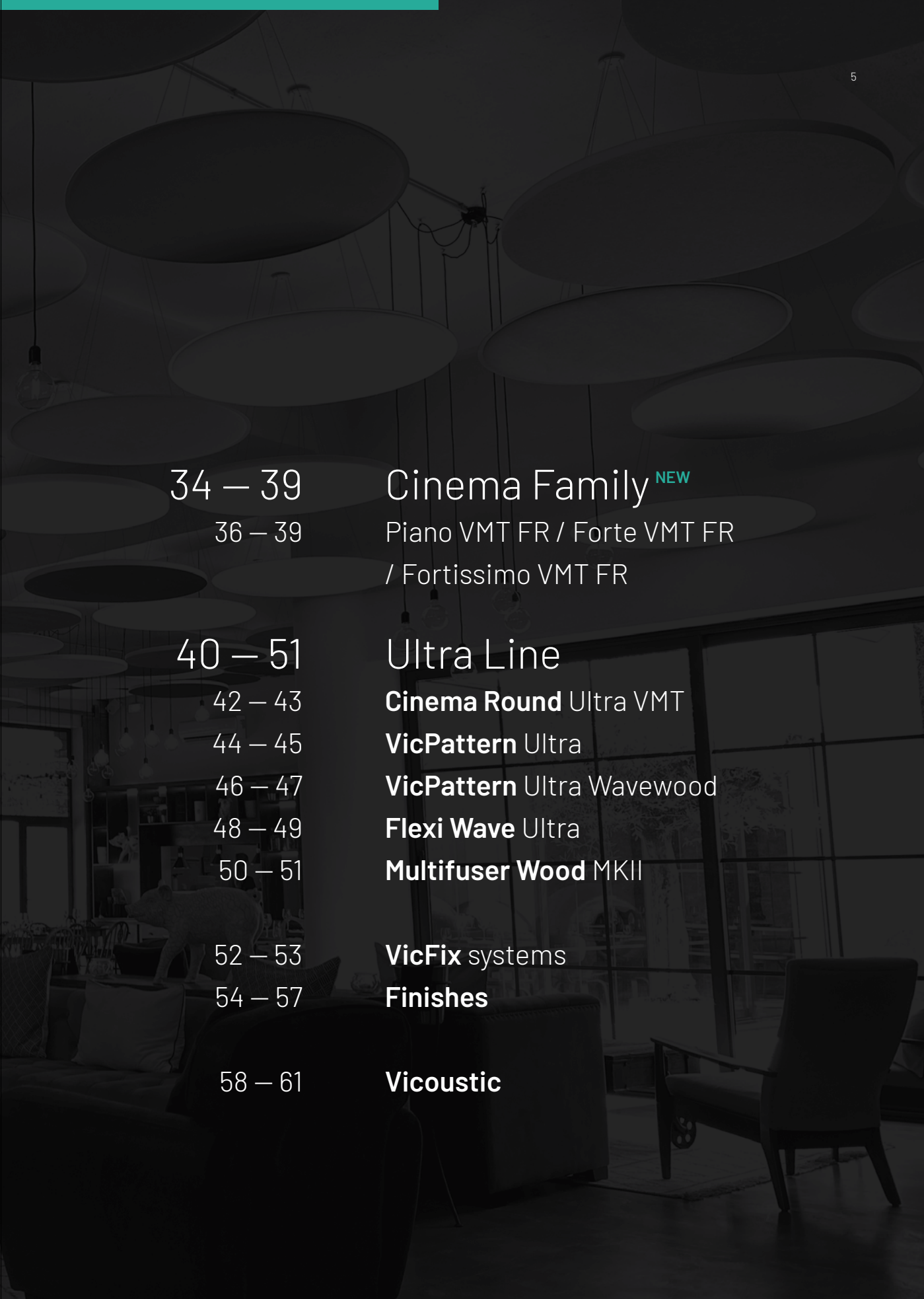

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Why is **acoustics** so important?

The experience we have of a building is always influenced by its acoustics. We spend around 90% of our time inside buildings and naturally their acoustic quality is essential to people's health and comfort.

Therefore, if the acoustic quality of a space is poor that space cannot be called sustainable, since it can disrupt our work, activities and health.

Restaurants and offices are two good examples that illustrate this disruption. Excessive noise is one of the major complaints in restaurants, cafes or pubs. Many of those loose clients who leave or don't return because of noise. Many workers experience excessive stress or even headaches due to excessive noise inside an office.

Now, if to control the acoustics of a space you introduce acoustic panels that contain harmful materials, we then may end up compromising the air quality of the space.

As a result, this type of space, even with good acoustics, can neither be seen as sustainable.

Vicoustic's new line of products takes an holistic approach into account and addresses acoustic issues by fully integrating its acoustic performance with other sustainability goals, such as air quality, use of recycled materials, human safety, design, quality, durability, etc.

Safe and sound **designs**

Vicoustic develops a wide range of solutions for public spaces, combining acoustic performance with great design.

The VMT line is made from VicPET Wool, a non-woven textile with superb acoustic performance predominantly made from recycled plastic bottles. Through extensive research and testing, Vicoustic fine-tuned this material for high performance. Thanks to an innovative dyeing technology, VMT can simulate any type of surface and be customized.

The Ultra line includes solutions made from high quality MDF and melamine, combining sound absorption with innovative design, evocative of traditional wood solutions.

The new Cinema Family, inspired by the Dynamics of a music peace, expands our range, from standard Piano to enhanced Fortissimo sound absorbers.

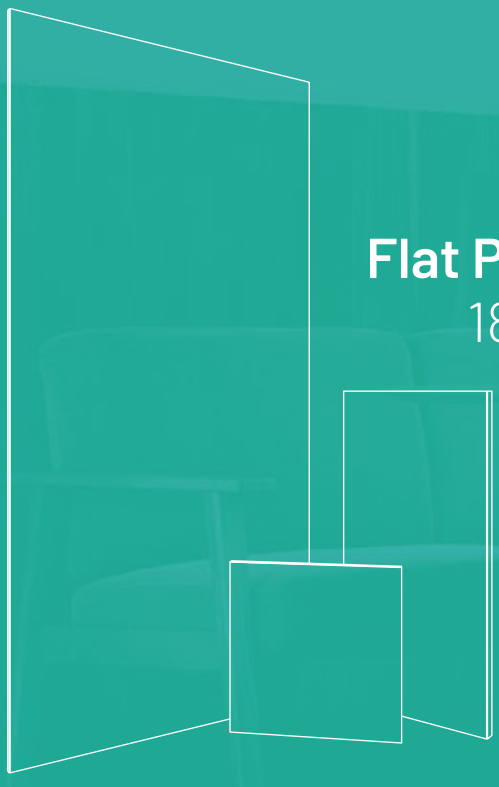
Since design is part of the brand's DNA - Vicoustic stands for Visual Acoustics - the GEN_VMT collection, made of tiles and clouds with endless combinations, was awarded a Red Dot Product Design 2020, placing Vicoustic among the great brands of the world recognized for their designs.

Feeling creative? Start combining acoustic solutions with great visuals in the following pages.

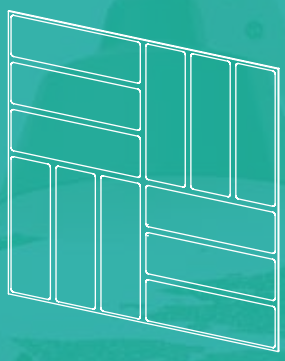
VMT Line

GEN_VMT
10 — 17

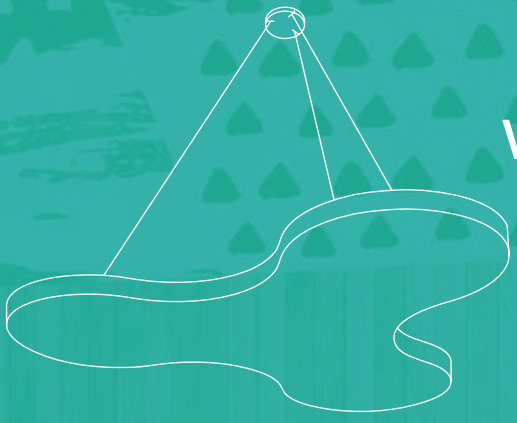
Flat Panel VMT
18 — 21



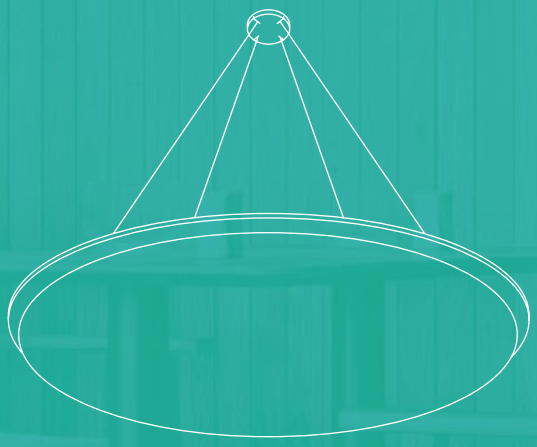
Vixagon
24 — 25



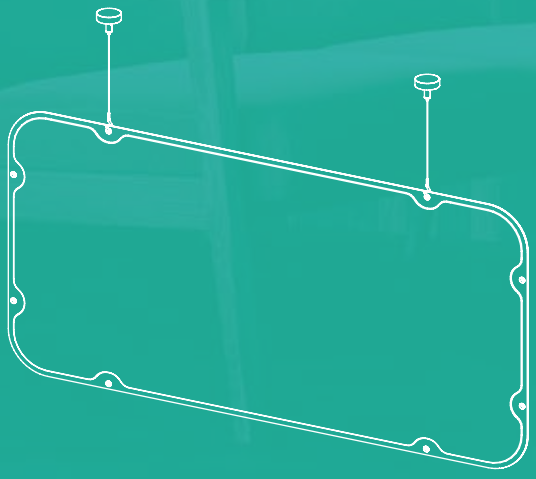
VicWallpaper
26 — 27



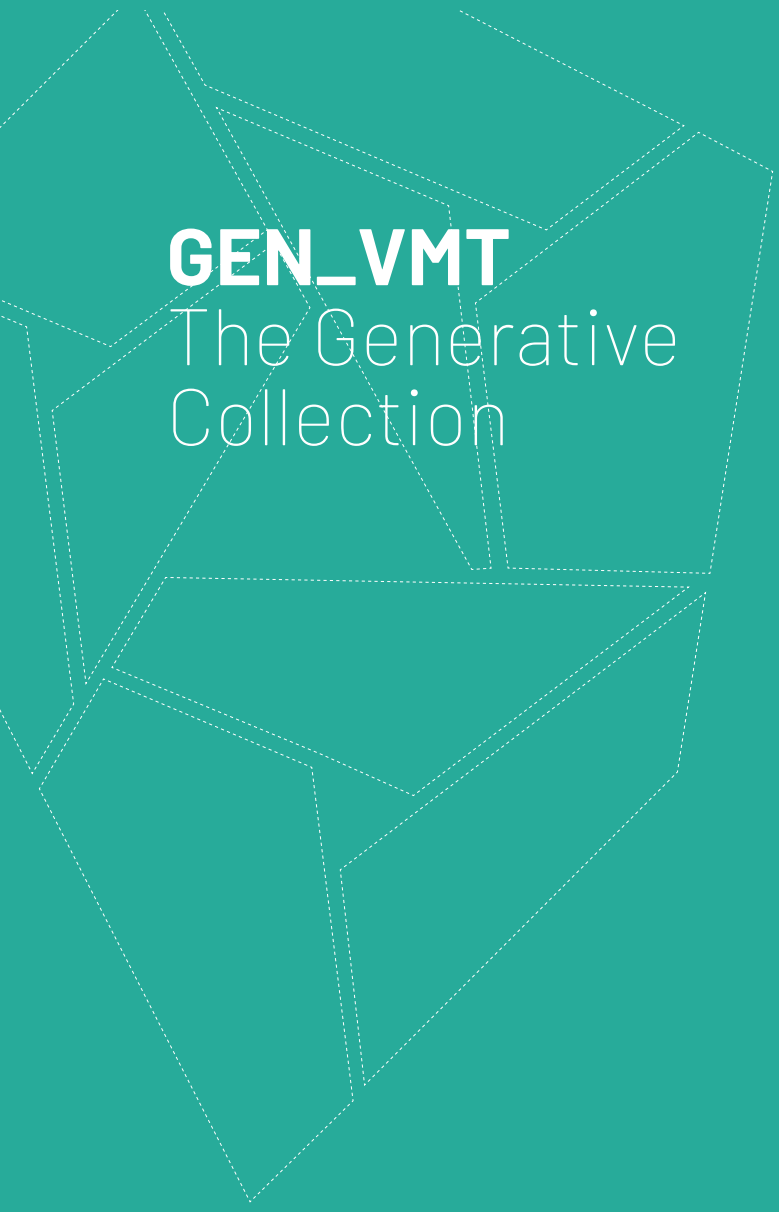
ViCloud Flat
28 — 29



ViCloud 3D
30 — 31



Suspended Baffle VMT 3D
32 — 33



GEN_VMT
The Generative Collection

reddot winner 2020

GEN_VMT solutions result from geometric research in fields of pentagonal tiling where each individual piece is in the shape of a pentagon.

In this exploratory work, we were looking for a shape grammar that allows generating endless combinations of single or double main shapes. Besides this main approach, we add a new layer of complexity, the ice-ray recursive pattern. The generation of the ice-rays is simple and clear. The rules essentially bisect any existing polygonal shape into two polygonal figures.

Variations for this grammar typically consist of changing the resulting combination from two shapes into many different forms that create a triangular profile towards the center.

Through this geometric approach, we can define a set of rules to create complex shapes, generating a perfect balance between aesthetics and acoustic optimization.

This creative perspective represents a new paradigm in terms of concepts based on generative and performative processes. For this collection, we've selected two different types of pentagons. Each one generates a different product called PENRAY 01 and PENRAY 02.

GEN_VMT won the Red Dot Award 2020 for outstanding design quality

GEN_VMT
PENRAY 01 Cloud

The first set of clouds from the GEN_VMT collection, winner of the Red Dot Product Design Award 2020, raises the bar to a higher level. Sustainable and extremely durable, PENRAY 01 Cloud can significantly reduce excess noise in various settings, adding an innovative interior design asset to an architectural project. Plus, being a suspended acoustic element, it presents twice the area of absorbing material exposed next to a common acoustic panel.

Dimensions
1187 × 949 mm / 46.7" × 37.4"

Package Information
1 units/box

reddot winner 2020

OEKO-TEX® CONFIDENCE IN TEXTILES STANDARD 100

Technical Information
Raw Material: VicPET Wool

Acoustic Properties: Medium and High Frequencies Absorption

NRC: TBA

Fire Rate: Europe: Euroclass B S2, d0; USA: Class A (ASTM-E84)

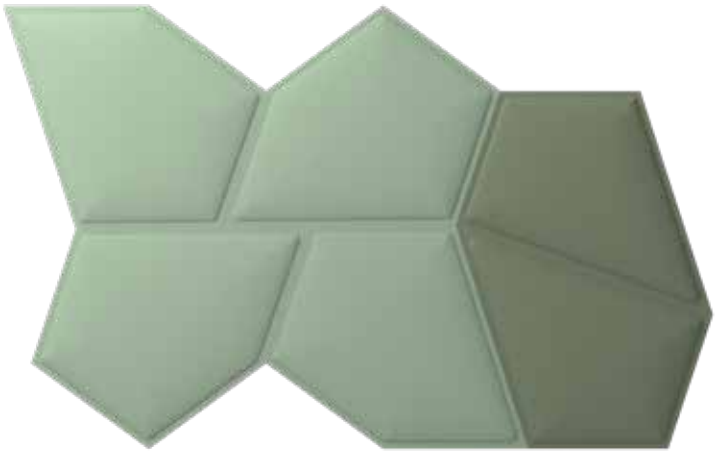
Installation: Mechanical and Magnetic Suspended Fixation

VMT Colors
Bondi Blue 1 · Coral 1 · Moss Green 1 · Natural White

Bondi Blue 2 · Coral 2 · Moss Green 2

Bondi Blue 3 · Coral 3 · Moss Green 3

GEN_VMT
PENRAY 01 Tiles



A set of small tiles formed by two different modules, that once connected generate regular and irregular grids, exploring different colors and combinations. A perfect solution for small spaces.

This new set of tiles from the GEN_VMT collection, winner of the Red Dot Product Design Award 2020, is highly effective to reduce excess noise in various settings, adding an innovative interior design asset to an architectural project.

Dimensions

Tile 01.1: 400 × 460 × 20 mm
/ 15.8" × 18.1" × 0.8"
Tile 01.2: 230 × 320 × 20 mm
/ 9.1" × 12.6" × 0.8"

Package Information

12 units/box

Technical Information

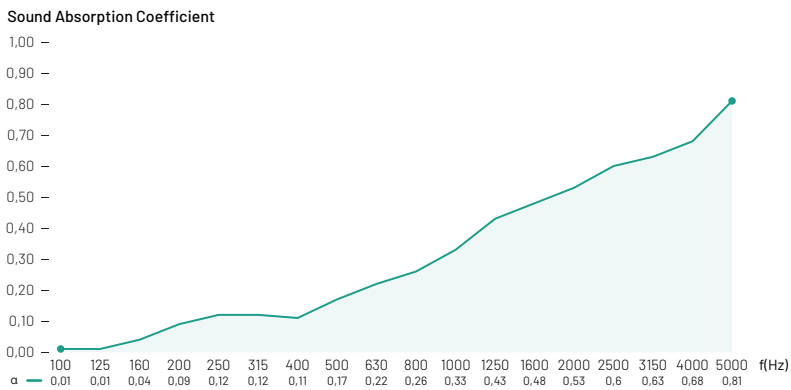
Raw Material: VicPET Wool
Acoustic Properties: Medium and High Frequencies Absorption
NRC: 0,30
Fire Rate: Europe: Euroclass C s2, d0; USA: Class A (ASTM-E84)
Installation:
Double sided tape, Flexi Glue Ultra

VMT Colors

Bondi Blue
Coral
Moss Green
Natural White

OEKO-TEX® CONFIDENCE IN TEXTILES STANDARD 100

Performance

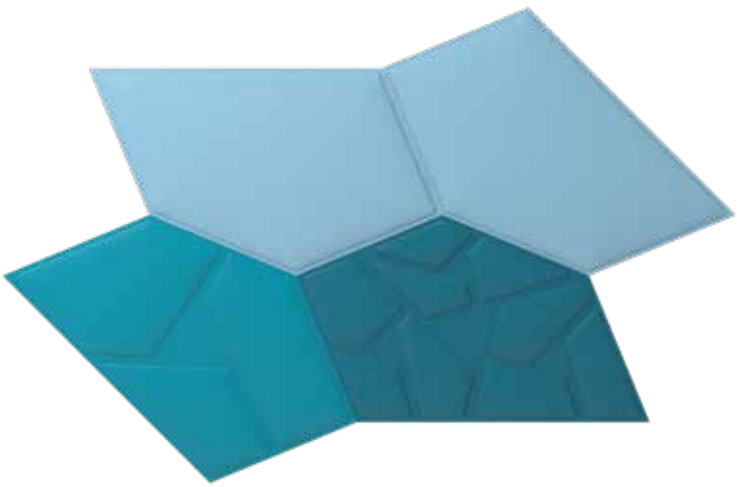


Features

- Premium high density VicPET Wool
- High Performance in medium and high frequencies
- Light weight
- Easy to install
- Easy to clean and maintain

reddot winner 2020

GEN_VMT
PENRAY 02 Tiles



The first set of solutions from the GEN_VMT collection, winner of the Red Dot Product Design Award 2020, are the PENRAY 02 Tiles. Presented in 4 different shapes, these tiles can be combined according to the will of each person. This results of geometric research in fields of pentagonal tiling where each individual piece is in the shape of a pentagon. In this exploratory work we were looking for a shape grammar that allows generating endless combinations of single or double main shapes.

Dimensions
355 × 355 × 20 mm / 14" × 14" × 0.78"

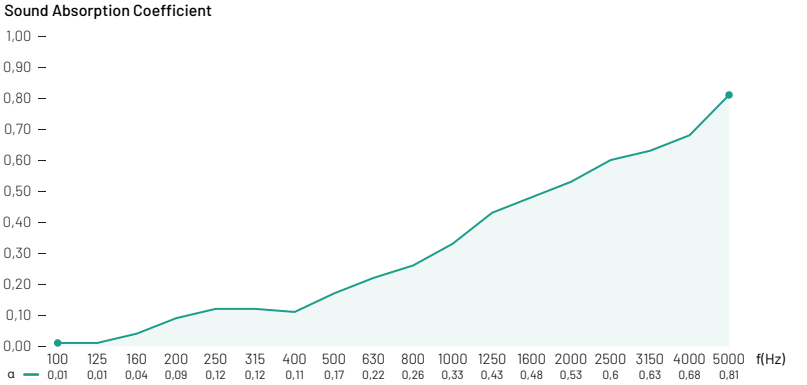
Package Information
12 units/box

Technical Information
Raw Material: VicPET Wool
Acoustic Properties: Medium and High Frequencies Absorption
NRC: 0,30
Fire Rate: Europe: Euroclass C s2, d0; USA: Class A (ASTM-E84)
Installation:
Double sided tape, Flexi Glue Ultra

VMT Colors
Bondi Blue
Coral
Moss Green
Natural White

OEKO-TEX® CONFIDENCE IN TEXTILES STANDARD 100

Performance



Features

- Premium high density VicPET Wool
- High Performance in medium and high frequencies
- Light weight
- Easy to install
- Easy to clean and maintain

reddot winner 2020

Flat Panel
VMT

Flat Panel VMT is designed to perform primarily in the medium and high frequencies. Therefore, these panels provide a great acoustic solution to implement in any commercial or residential setting and can be used on ceilings and walls. The applications for Flat Panel VMT are infinite, making it perfect for both new construction and refurbishment projects.

Innovative dyeing technology

With an innovative dyeing technology, **Flat Panel VMT** panels can simulate concrete, marble, wood and other materials, achieving an amazing and realistic look in any setting.

VMT Colors

Natural White · Black · Grey · Light Grey · Musk Green · Moss Green · Blue · Bondi Blue · Beige · Brown · Pumpkin Orange · Coral

All available patterns can be found at the end of the Catalog and at vicoustic.com

Custom Design

Vicoustic can produce any color, pattern or shape that customers need for their space.

Through the use of an innovative dyeing technology in VMT (Virtual Material Technology), it's possible to replicate many kinds of images or surfaces in a high performance acoustic solution.

If you are looking to **print your Company Logo into a wall, a particular image or a specific color**, with the added benefit of having acoustic treatment, this is the solution that best fits you.

To have a personalized or customized panel, please Request your Project to Vicoustic's Team of Designers: **sales@vicoustic.com**.

Installation solutions

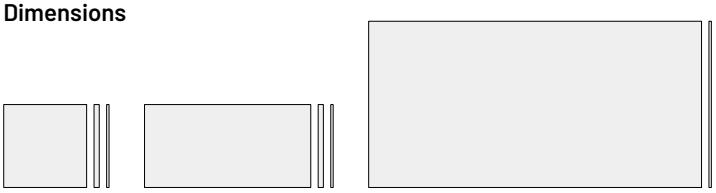
Velcro
Apply the velcro strip to both surfaces and connect them

AluFrame Single
Create a stylish frame around the panel

AluFrame Double
Combine two panels with a glamourous frame line

VicSpacer / VicSpacer Plus
Enhance acoustics by spacing the panel 40mm from the wall

Dimensions

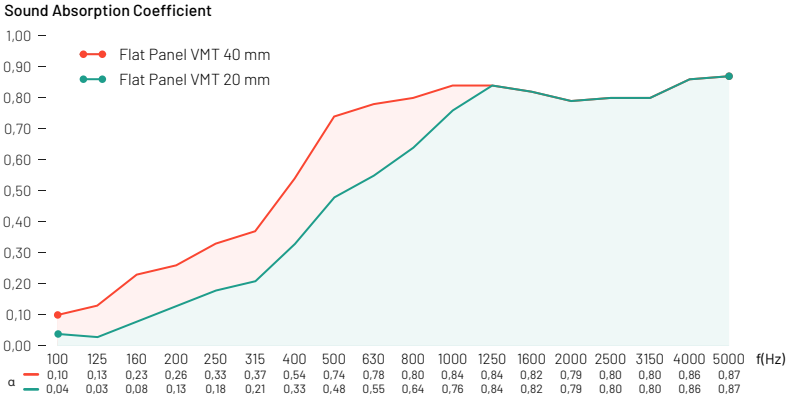


595×595 ×20 / 40 mm

1190×595×20 / 40 mm

2380×1190×20 mm

Performance



Technical Information

Package Information: 8 units/box

Raw Material: VicPET Wool

Acoustic Properties: Medium and High Frequencies Absorption

NRC: 20 mm: 0,55; 40 mm: 0,70

Fire Rate: 20 mm: Europe: Euroclass B -s2, d0; USA: Class A (ASTM-E84); Canada: CAN/ULC S102, Flame Spread Rating: 5, Smoke Developed Classification: 115; 40 mm: Europe: Euroclass B - s2, d0; USA: Class A (ASTM-E84); Canada: N/A

Installation/Accessories: Velcro (included), Flexi Glue Ultra, AluFrame Single, AluFrame Double, AluFrame VMT T, VicFix Spacer, VicSpacer Plus

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CONFIDENCE IN TEXTILES
STANDARD 100

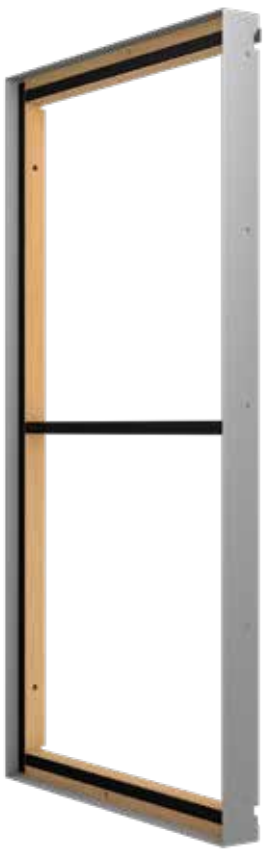
Meet the new

VicSpacer

VicSpacer is a new fixation system for Flat Panel VMT, specially developed to improve the acoustics of any room.

By spacing the panel 40 mm away from the walls / ceiling, VicSpacer helps to enhance the Flat Panel VMT acoustic performance in the medium / low-frequency regions.

VicSpacer will need to be combined with Flat Panel VMT of 20 mm thickness (not included).



Main features

- It makes Flat Panel VMT compatible with the VicFix J profile system
- Compatible with all sizes of Flat Panel VMT, including XXL panels (2380 × 1190 × 20 mm)
- Covers the white sides of Flat Panel VMT
- Improves substantially the acoustic performance of Flat Panel VMT
- Can be installed in the ceiling[1] and corners[2], acting as Bass Trap

Colors

White Matte

Black Matte

Grey Matte

[1] For ceiling installation do not use the VicFix Mini supplied with the product. Use the VicFix J Profile 2m (sold separately) or fix the panels with screws.
[2] For corner installation use VicFix Corner and VicFix 80 mm (sold separately).

Dimensions

1190 × 595 × 60 mm /
46.85" × 23.4" × 2.36"

Package Information

4 units/box

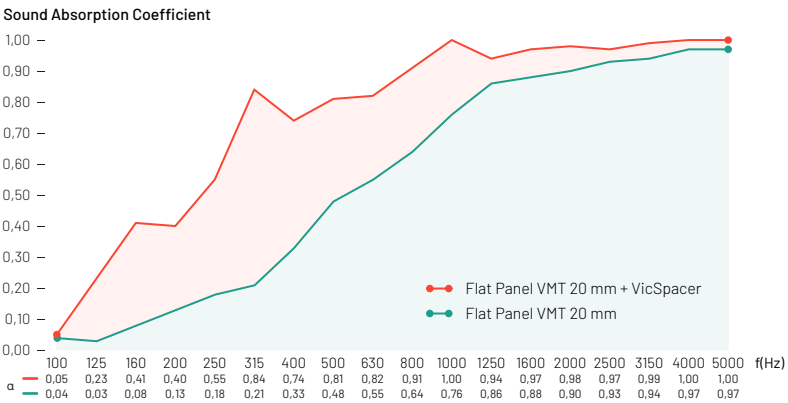
Technical Information

Raw Material:
Wood and Lacquered Steel

NRC: 0.85 (VMT 20 mm + VicSpacer)

Installation: VicFix Mini (included); VicFix J Profile

Performance

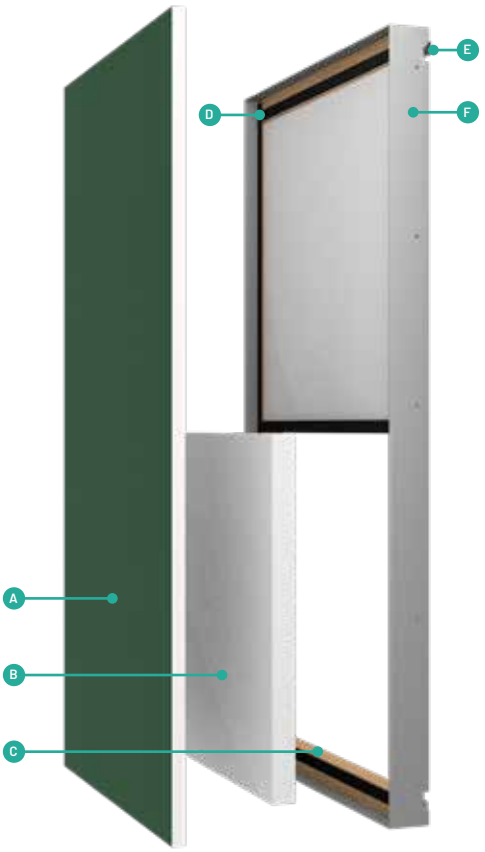


VicSpacer **Plus**

This version of the new VicSpacer includes 8 extra PET panels, to further improve the performance of the Flat Panel VMT.

By using one additional layer of PET to increase absorption, this new accessory will help to deal with the most demanding acoustic challenges.

VicSpacer Plus will need to be combined with Flat Panel VMT of 20 mm thickness (not included).



- A Flat Panel VMT (1190 × 595 × 20 mm, not included)
- B VicPET Wool (542 × 555 × 40 mm, only included in VicSpacer Plus)
- C Wood frame
- D Velcro stripe
- E VicFix Mini
- F Coated steel frame

Colors

White Matte

Black Matte

Grey Matte

Dimensions

1190 × 595 × 60 mm /
46.85" × 23.4" × 2.36"

Package Information

4 units/box

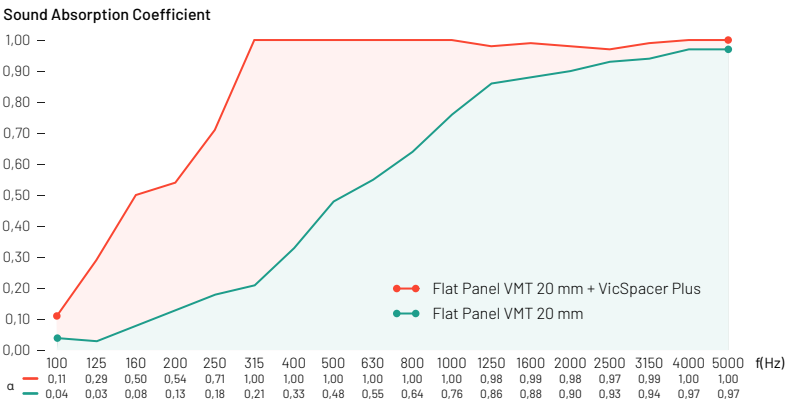
Technical Information

Raw Material: VicPET Wool, Wood and Lacquered Steel

NRC: 0.95 (VMT 20 mm + VicSpacer Plus)

Installation: VicFix Mini (included); VicFix J Profile

Performance



Vixagon
VMT

Vixagon VMT is a perfect solution to cushion and reduce sound levels in a cost-effective way. Vicoustic's standard patterns and solid colors for the Vixagon VMT are stylish and work in many different aesthetics and particularly in strongly designed architectural spaces. This product can be used on walls and ceilings and adapted easily owing to its unique shape.

A smaller and more compact version of Vixagon, Vixagon Mini, is also available, offering all of the same acoustic solutions, just in a smaller and more manageable size to create more intricate and creative patterns.

Dimensions

- A 700 × 606 × 20 mm / 27.6" × 23.9" × 0.8"
- B 700 × 606 × 40 mm / 27.6" × 23.9" × 1.6"
- C 350 × 303 × 20 mm / 13.8" × 11.9" × 0.8"

Package Information

- A 12 units/box
- B 6 units/box
- C 36 + 36 units/box *

Technical Information

Raw Material: VicPET Wool

Acoustic Properties: Medium and High Frequencies Absorption

NRC: 20 mm: 0,55; 40 mm: 0,70

Fire Rate: A C Europe: Euroclass B -s2, d0; USA: Class A (ASTM-E84) Canada: CAN/ULC S102, Flame Spread Rating: 5, Smoke Developed Classification: 115;
B Europe: Euroclass B - s2, d0; USA: Class A (ASTM-E84); Canada: N/A

Installation: Velcro (included), Flexi Glue Ultra

VMT Colors

Natural White · Black · Grey · Light Grey

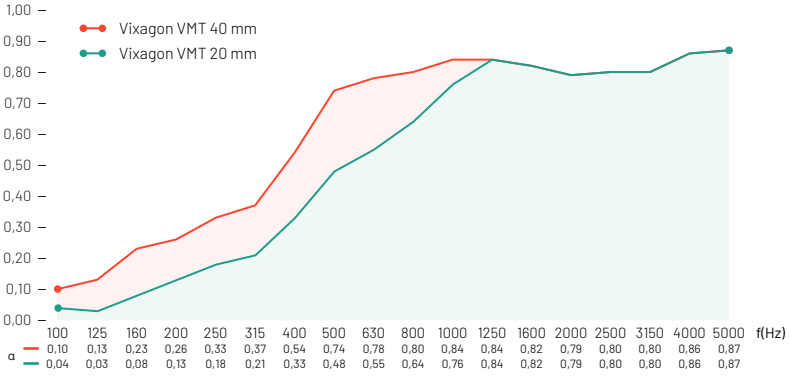
Musk Green · Moss Green · Blue · Bondi Blue

Beige · Brown · Pumpkin Orange · Coral

Available patterns can be found at the end of the Catalog and at vicoustic.com

Performance

Sound Absorption Coefficient



f(Hz)	100	125	160	200	250	315	400	500	630	800	1000	1250	1600	2000	2500	3150	4000	5000
α	0,10	0,13	0,23	0,26	0,33	0,37	0,54	0,74	0,78	0,80	0,84	0,84	0,82	0,79	0,80	0,80	0,86	0,87
	0,04	0,03	0,08	0,13	0,18	0,21	0,33	0,48	0,55	0,64	0,76	0,84	0,82	0,79	0,80	0,80	0,86	0,87

** The Vixagons Mini are packed in a really innovative way: we are using the same material as the product itself as packaging material. This will give the bonus of having extra Diamond shapes that can be used in conjunction with your Vixagon to create your art-work.*

VicWallpaper
VMT

VicWallpaper VMT is a revolutionary new way to manage acoustic and thermal insulation in both residential and commercial settings. Developed to perform on high frequencies, VicWallpaper VMT is ideal for improving speech intelligibility in places such as meeting rooms, living rooms or classrooms. Manufactured in recycled EuroClass B PET, VicWallpaper VMT is easy and fast to install, not requiring any specialized and expensive labor.

Dimensions

A 595 × 595 × 15 mm / 23.4" × 23.4" × 0.6"

B 1190 × 595 × 15 mm / 46.8" × 23.4" × 0.6"

Package Information

8 units/box

Technical Information

Raw Material: VicPET Wool

Acoustic Properties: Medium and High Frequencies Absorption

NRC: 0,20

Fire Rate: Europe: Euroclass C s2, d0; USA: Class A (ASTM-E84); Canada: N/A

Installation: Flexi Glue Ultra; Double sided tape

VMT Colors

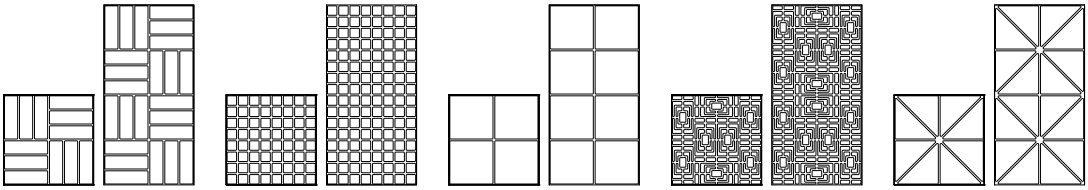
Natural White, Black, Grey, Light Grey

Musk Green, Moss Green, Blue, Bondi Blue

Beige, Brown, Pumpkin Orange, Coral

Available patterns can be found at the end of the Catalog and at vicoustic.com

Pattern Designs



Deck
595 / 1190 × 595 × 15 mm

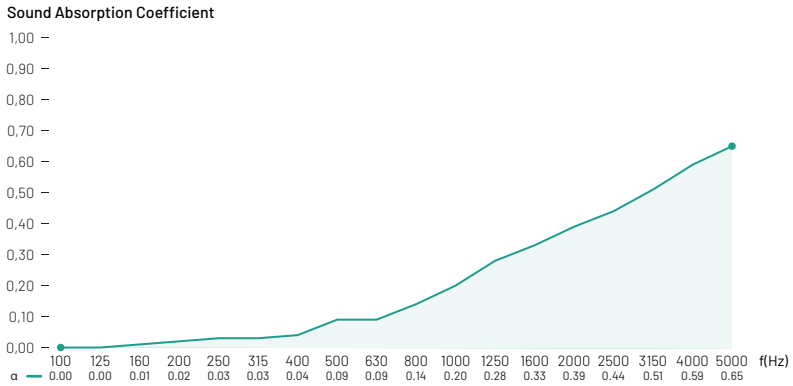
Square 8
595 / 1190 × 595 × 15 mm

Square 30
595 / 1190 × 595 × 15 mm

Symmetric
595 / 1190 × 595 × 15 mm

Triangles
595 / 1190 × 595 × 15 mm

Performance



Features

- Premium high density VicPET Wool
- High Performance in medium and high frequencies
- Light weight
- Easy to install
- Easy to clean and maintain

ViCloud
Flat VMT

ViCloud Flat VMT is a simple and lightweight, suspended acoustic solution that is ideal for restaurants, open plan offices, convention centers, atriums, or any public space where there is a great concentration of people and where background noise, created by a room full of conversations, can quickly build up.

In addition, by using Vicoustic Virtual Material Technology, ViCloud Flat VMT is customizable and adaptable to meet your architectural needs. For exquisite architectural soundscapes, that subtly align to your existing or newly renovate space, ViCloud Flat VMT may just be the solution you need.

Dimensions

- A 1160 × 1160 × 40 mm / 45.7" × 45.7" × 1.6"
- B 1160 × 1005 × 40 mm / 45.7" × 39.6" × 1.6"
- C Ø 1160 × 40 mm / Ø 45.7" × 1.6"
- D 1160 × 1068 × 40 mm / 45.7" × 42" × 1.6"

Package Information

4 units/box

Technical Information

Raw Material: VicPET Wool

Acoustic Properties: Medium and High Frequencies Absorption

Fire Rate: Europe: Euroclass B - s2, d0; USA: Class A (ASTM-E84); Canada: N/A

Installation: Magnetic and Mechanical Suspended Fixation (Included)

VMT Colors

Natural White, Black, Grey, Light Grey

Musk Green, Moss Green, Blue, Bondi Blue

Beige, Brown, Pumpkin Orange, Coral

Available patterns can be found at the end of the Catalog and at vicoustic.com

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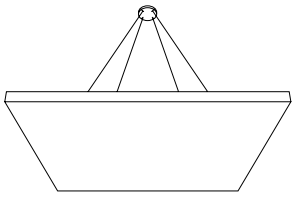
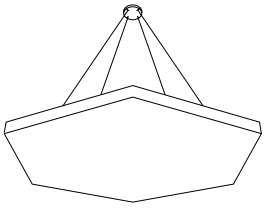
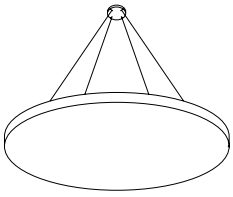
Shapes



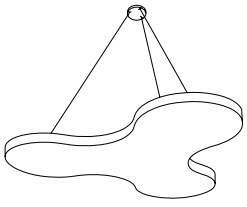
A Square



B Hexagon



C Round



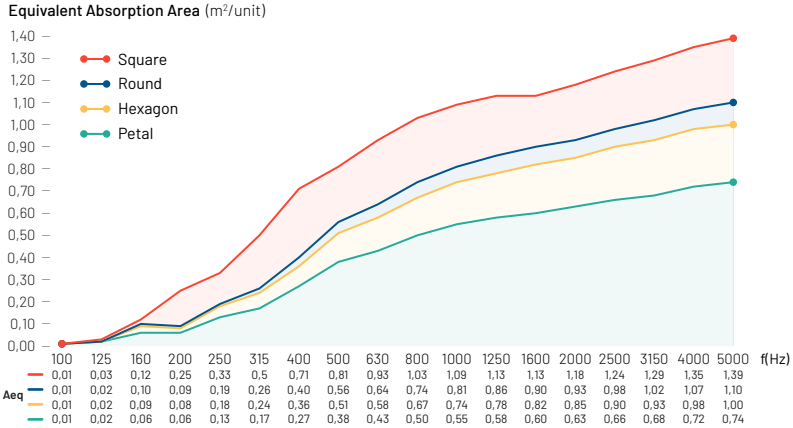
C Petal

Features

- Premium high density VicPET Wool
- High Performance in medium and high frequencies
- Light weight
- Easy to install
- Easy to clean and maintain

Performance

Equivalent Absorption Area (m^2/unit)



	100	125	160	200	250	315	400	500	630	800	1000	1250	1600	2000	2500	3150	4000	5000	f(Hz)
Aeq	0,01	0,03	0,12	0,25	0,33	0,5	0,71	0,81	0,93	1,03	1,09	1,13	1,13	1,18	1,24	1,29	1,35	1,39	
	0,01	0,02	0,10	0,09	0,19	0,26	0,40	0,56	0,64	0,74	0,81	0,86	0,90	0,93	0,98	1,02	1,07	1,10	
	0,01	0,02	0,09	0,08	0,18	0,24	0,36	0,51	0,58	0,67	0,74	0,78	0,82	0,85	0,90	0,93	0,98	1,00	
	0,01	0,02	0,06	0,06	0,13	0,17	0,27	0,38	0,43	0,50	0,55	0,58	0,60	0,63	0,66	0,68	0,72	0,74	

ViCloud
3D VMT

A lightweight and uncomplicated acoustic solution, the **ViCloud 3D VMT** hangs suspended in the air to support and manage sound where there is a lot of background noise, conversation and disruptive sounds.

Available in a range of shapes and colors, ViCloud 3D VMT are ready to be installed without the need of professional assistance and in lots of different spaces. Sustainable and extremely durable, these can significantly reduce excess noise in various settings.

Dimensions

- A 1160 × 1160 × 40 mm / 45.7" × 45.7" × 1.6"
- B 1160 × 1005 × 40 mm / 45.7" × 39.6" × 1.6"
- C Ø 1160 × 40 mm / Ø 45.7" × 1.6"
- D 1160 × 1068 × 40 mm / 45.7" × 42" × 1.6"

Package Information

4 units/box

Technical Information

Raw Material: VicPET Wool

Acoustic Properties: Medium and High Frequencies Absorption

Fire Rate: Europe: Euroclass B - s2, d0; USA: Class A (ASTM-E84); Canada: N/A

Installation: Magnetic and Mechanical Suspended Fixation (Included)

VMT Colors

Natural White, Black, Grey, Light Grey

Musk Green, Moss Green, Blue, Bondi Blue

Beige, Brown, Pumpkin Orange, Coral

Available patterns can be found at the end of the Catalog and at vicoustic.com

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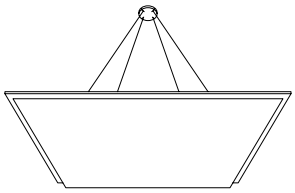
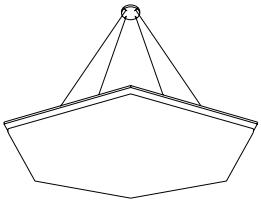
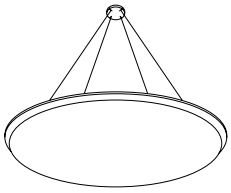
Shapes



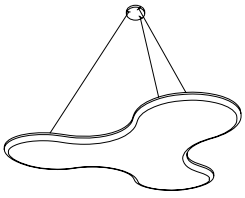
A Square



B Hexagon



C Round



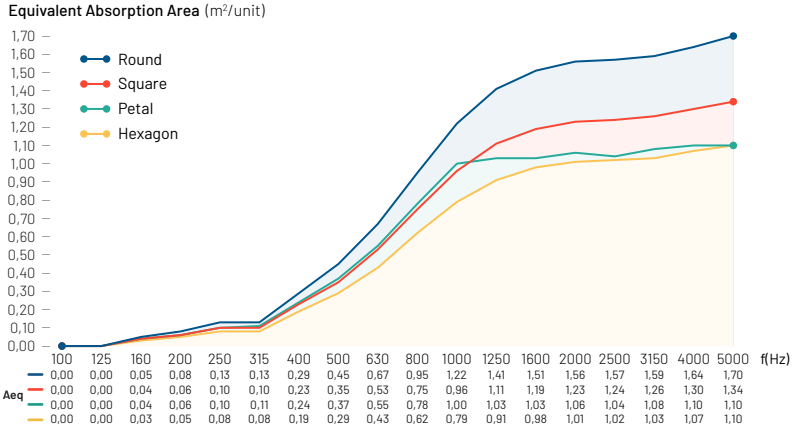
C Petal

Features

- Premium high density VicPET Wool
- High Performance in medium and high frequencies
- Light weight
- Easy to install
- Easy to clean and maintain

Performance

Equivalent Absorption Area (m^2/unit)



	100	125	160	200	250	315	400	500	630	800	1000	1250	1600	2000	2500	3150	4000	5000	f(Hz)
Aeq	0,00	0,00	0,05	0,08	0,13	0,13	0,29	0,45	0,67	0,95	1,22	1,41	1,51	1,56	1,57	1,59	1,64	1,70	
	0,00	0,00	0,04	0,06	0,10	0,10	0,23	0,35	0,53	0,75	0,96	1,11	1,19	1,23	1,24	1,26	1,30	1,34	
	0,00	0,00	0,04	0,06	0,10	0,11	0,24	0,37	0,55	0,78	1,00	1,03	1,03	1,06	1,04	1,08	1,10	1,10	
	0,00	0,00	0,03	0,05	0,08	0,08	0,19	0,29	0,43	0,62	0,79	0,91	0,98	1,01	1,02	1,03	1,07	1,10	

Suspended
Baffle VMT 3D

Suspended Baffle VMT 3D is made from VicPET Wool - a non-woven textile produced mainly from recycled plastic bottles. Being a suspended acoustic element, presents twice the area of absorbing material exposed of a common acoustic panel, making it a very efficient solution to control noise build up in big public or industrial spaces.

These Baffles can be installed both in Horizontal and Vertical position, and they they can be customised. It is a safer product compared to normal baffle solutions because it doesn't have a metal or wood structure.

Dimensions

1190 × 595 × 20 mm / 46.8" × 23.4" × 0.8"

Package Information

8 units/box

Technical Information

Raw Material: VicPET Wool

Acoustic Properties: Absorption

Fire Rate: USA: Class A (ASTM-E84); Europe: Euroclass B, s2 d0

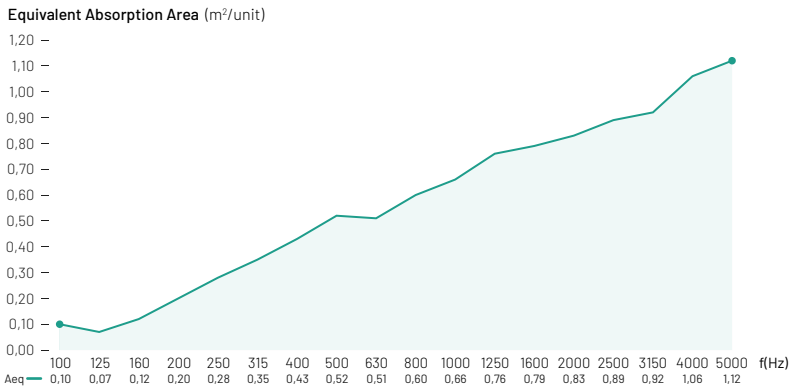
Installation: Wire Rope (steel cable with a hook) Fixation System (included)

VMT Colors

Natural White	Black	Grey	Light Grey
Musk Green	Moss Green	Blue	Bondi Blue
Beige	Brown	Pumpkin Orange	Coral

Available patterns can be found at the end of the Catalog and at vicoustic.com

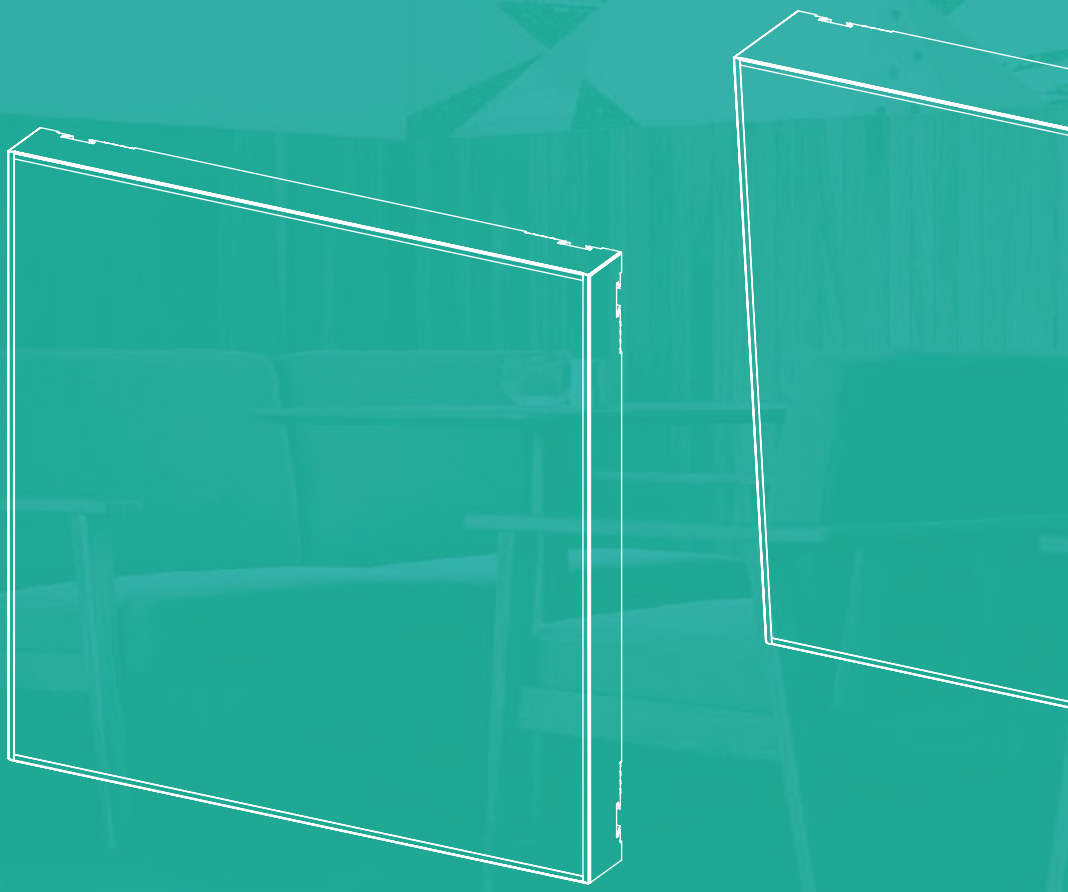
Performance

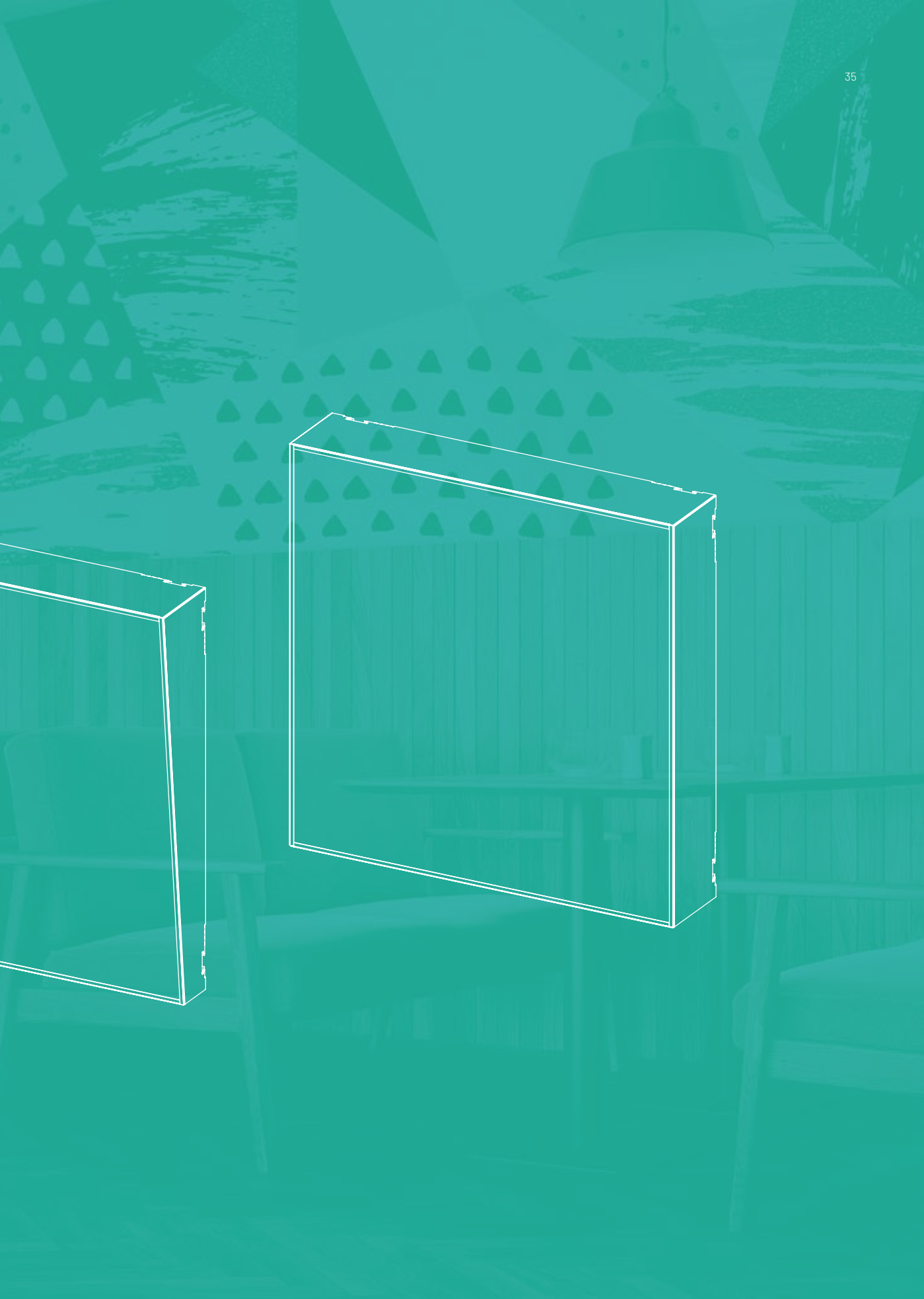


Features

- High Performance in medium and high frequencies
- Light weight
- Easy to install
- Easy to clean and maintain

Cinema Family



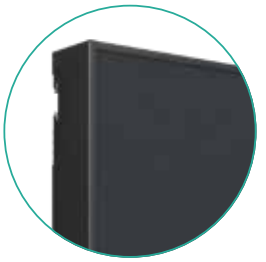


Cinema
Piano VMT FR / Forte VMT FR / Fortissimo VMT FR

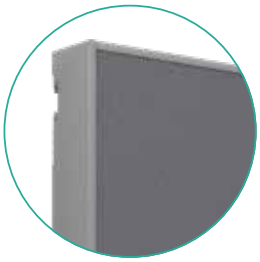
Vicoustic's Cinema Family is composed of 3 new panels: **Cinema Piano VMT FR**, **Cinema Forte VMT FR** and **Cinema Fortissimo VMT FR**. With the combination of the 3 panels you can create several 3D surfaces, with endless creativity design options. Furthermore, these panels are fire rated, fulfilling the present requirements for public spaces.

These 3 new panels are made mostly of recycled materials, and being inspired by VMT technology have the possibility to be fully customized.

Finishes

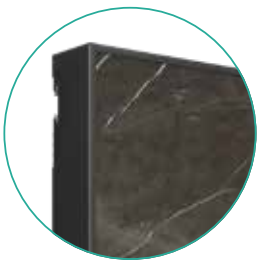


Black



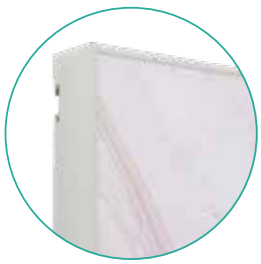
Grey

Natural White



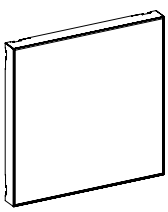
Grey Stone

Concrete 1

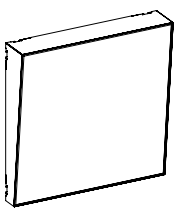


Calacatta Cremo

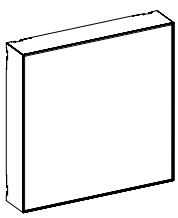
Models



A Piano VMT FR



B Forte VMT FR



C Fortissimo VMT FR

Dimensions

A 595 × 595 × 60 mm
/ 23.4" × 23.4" × 2.36"

B 595 × 595 × 120 mm
/ 23.4" × 23.4" × 4.72"

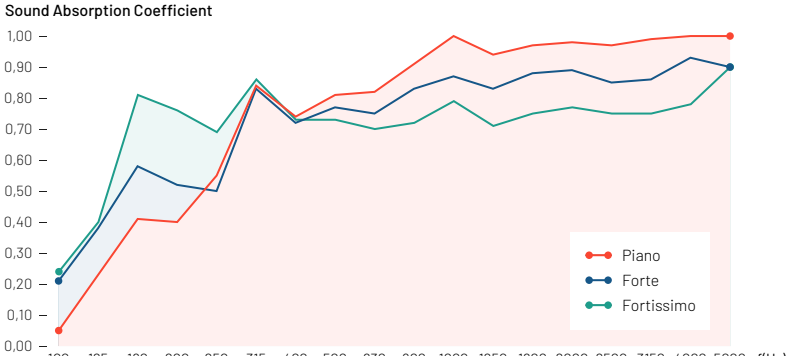
C 595 × 595 × 120 mm
/ 23.4" × 23.4" × 4.72"

Package Information

2 unit/box

Performance

Sound Absorption Coefficient



f(Hz)	100	125	160	200	250	315	400	500	630	800	1000	1250	1600	2000	2500	3150	4000	5000
α Piano	0,05	0,23	0,41	0,40	0,55	0,84	0,74	0,81	0,82	0,91	1,00	0,94	0,97	0,98	0,97	0,99	1,00	1,00
α Forte	0,21	0,38	0,58	0,52	0,50	0,83	0,72	0,77	0,75	0,83	0,87	0,83	0,88	0,89	0,85	0,86	0,93	0,90
α Fortissimo	0,24	0,40	0,81	0,76	0,69	0,86	0,73	0,73	0,70	0,72	0,79	0,71	0,75	0,77	0,75	0,75	0,78	0,90

Technical Information

Raw Material:
VicPET Wool, MDF
and Lacquered Steel

Acoustic Properties:
Broadband Absorption

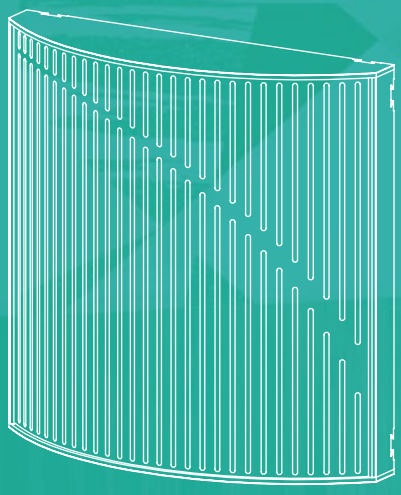
NRC:
Piano: 0,85; Forte: 0,75;
Fortissimo: 0,75

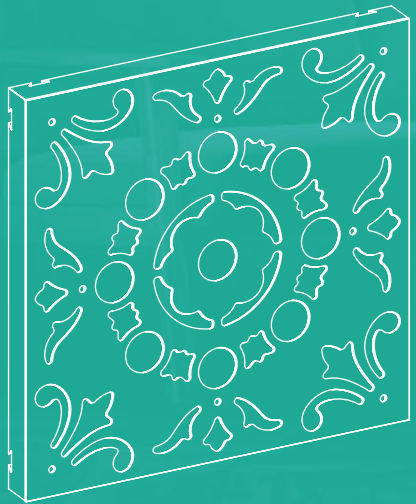
Fire Rate: N/A

Installation:
VicFix Mini (included),
VicFix J Profile

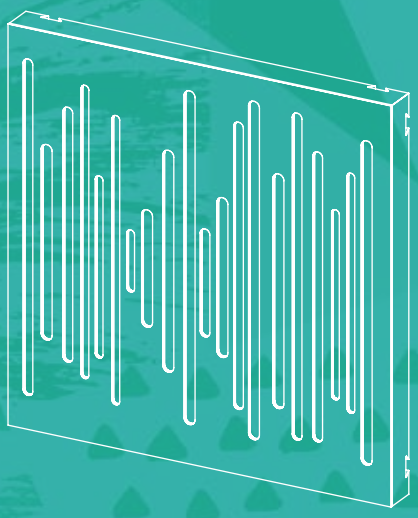
Ultra Line

Cinema Round Ultra VMT
42 — 43

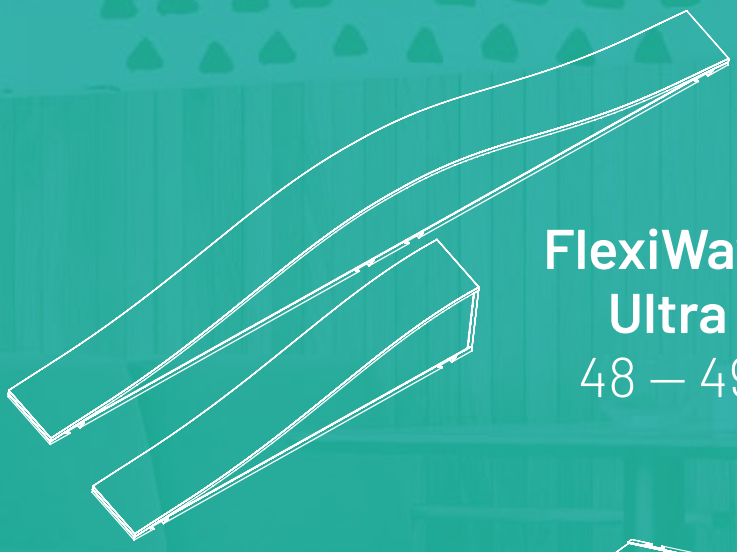




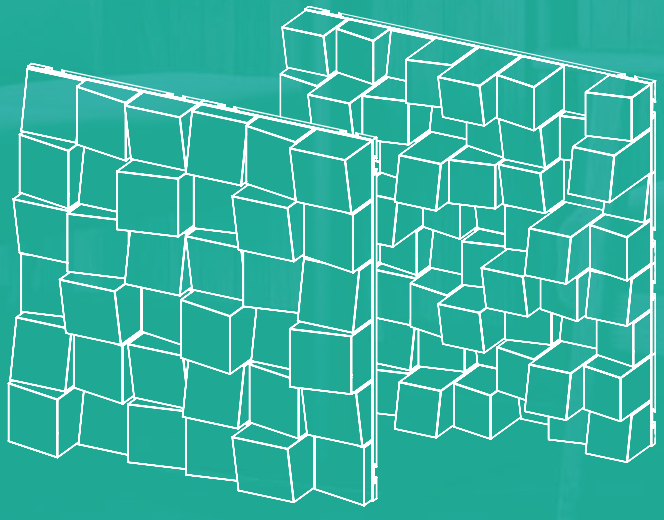
VicPattern Ultra
44 — 45



VicPattern Ultra
Wavewood
46 – 47



FlexiWave Ultra
48 – 49



Multifuser Wood MKII
50 – 51

Cinema Round
Ultra VMT

A luxury new acoustic absorber, **Cinema Round Ultra VMT** combines high acoustic performance with the latest VMT technology for the most demanding clients. This new Vicoustic absorber, inspired by our best-seller Cinema Round Ultra, has 12 standard VMT colors and 8 wood colors. Cinema Round Ultra VMT is made with high-quality MDF with anti-scratch melamine, and VicPET Wool - a material produced mainly from recycled plastic bottles with a great acoustic performance.

Dimensions
595 × 595 × 170 mm / 23.4" × 23.4" × 6.7"

Package Information
2 units/box

Technical Information
Raw Material: VicPET Wool, MDF and Melamine

Acoustic Properties: Medium and High Frequencies Absorption

NRC: 0,90

Fire Rate: TBA

Installation: VicFix J Profile (included); VicFix Corner

VMT Colors
Natural White, Black, Grey, Light Grey

Musk Green, Moss Green, Blue, Bondi Blue

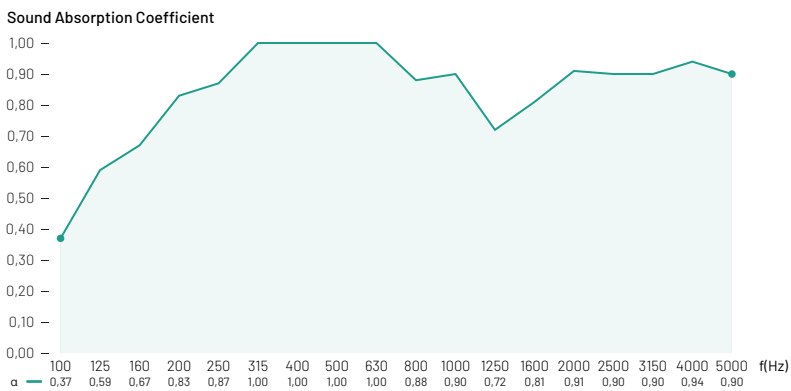
Beige, Brown, Pumpkin Orange, Coral

Wood Colors
White Mate, Black Mate, Natural Oak

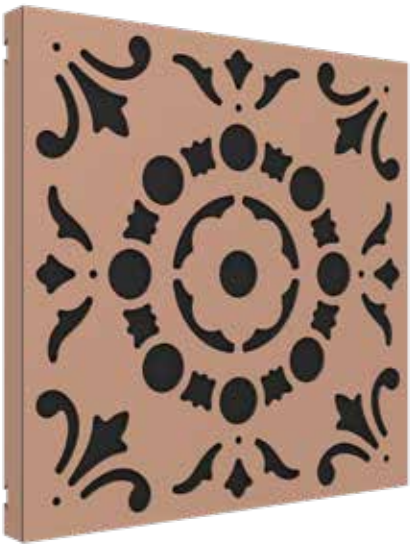
Locarno Cherry, Brown Oak, Dark Wenge

Metallic Copper, Metallic Gold

Performance



VicPattern
Ultra



Created for the most demanding interior designers and acousticians where aesthetics is a must, **VicPattern Ultra** combines high performance sound absorption with an innovative design.

Manufactured with high quality fire rated MDF and melamine, VicPattern is different from anything on the market.

Features

- Construction with premium MDF and anti-scratch melamine.
- Polyurethane free
- Recyclable
- Reinforced packing
- Finish also on the sides
- Removable filling allows to integrate light and sound
- Professional fixation systems

Dimensions

595 × 595 × 50 mm / 23.4" × 23.4" × 2"

Package Information

3 units/box

Technical Information

Raw Material: VicPET Wool, MDF and Melamine

Acoustic Properties: Medium and High Frequencies Absorption and Diffusion

Fire Rate: TBA

Installation: VicFix J Profile (included); VicFix Corner

Wood Colors

White Mate
Black Mate
Natural Oak
Locarno Cherry
Brown Oak
Dark Wenge
Metallic Copper
Metallic Gold

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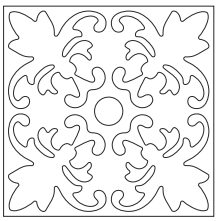
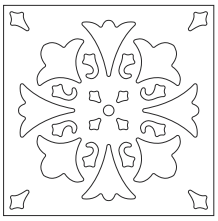
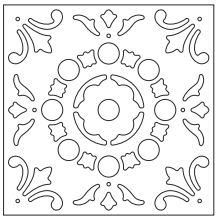
Patterns



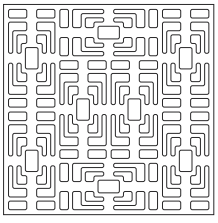
Lilly



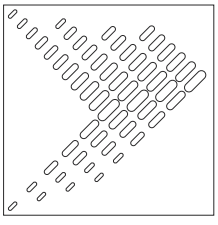
Lis



Lotus



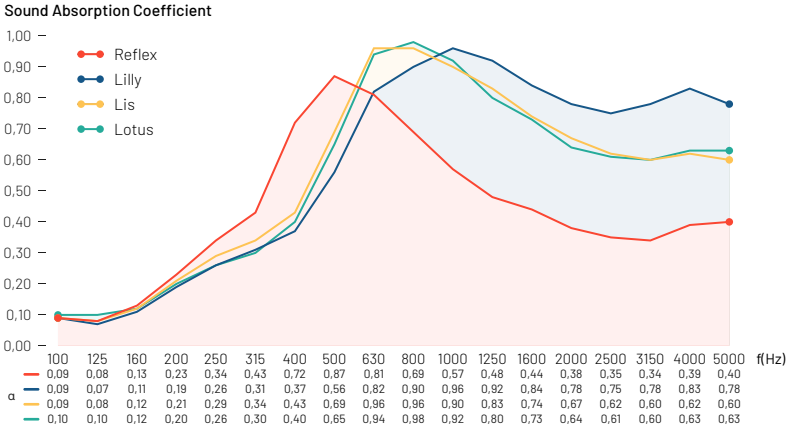
Symmetric



Reflex

Performance

Sound Absorption Coefficient



	100	125	160	200	250	315	400	500	630	800	1000	1250	1600	2000	2500	3150	4000	5000	f(Hz)
α	0,09	0,08	0,13	0,23	0,34	0,43	0,72	0,87	0,81	0,69	0,57	0,48	0,44	0,38	0,35	0,34	0,39	0,40	
	0,09	0,07	0,11	0,19	0,26	0,31	0,37	0,56	0,82	0,90	0,96	0,92	0,84	0,78	0,75	0,78	0,83	0,78	
	0,09	0,08	0,12	0,21	0,29	0,34	0,43	0,69	0,96	0,96	0,90	0,83	0,74	0,67	0,62	0,60	0,62	0,60	
	0,10	0,10	0,12	0,20	0,26	0,30	0,40	0,65	0,94	0,98	0,92	0,80	0,73	0,64	0,61	0,60	0,63	0,63	

VicPattern
Ultra Wavewood

The updated and improved version of Vicoustic's flagship acoustic panel, **VicPattern Ultra Wavewood** has a unique design that preserves the room's acoustic ambience on a perfect marriage between acoustic science and design. Made with premium melamine, the VicPattern Ultra Wavewood also uses our specially engineered VicPET Wool, a sustainable and environmentally friendly material that maximizes the acoustic absorbing capabilities of the panel.

Features

- Construction with premium MDF and anti-scratch melamine.
- Polyurethane free
- Recyclable
- Reinforced packing
- Finish also on the sides
- Removable filling allows to integrate light and sound
- Professional fixation systems

Dimensions

595 × 595 × 50 mm / 23.4" × 23.4" × 2"

Package Information

3 units/box

Technical Information

Raw Material: VicPET Wool, MDF and Melamine

Acoustic Properties: Medium and High Frequencies Absorption and Diffusion

NRC: 0,70

Fire Rate: TBA

Installation: VicFix J Profile (included); VicFix Corner

OEKO-TEX® CONFIDENCE IN TEXTILES STANDARD 100

Wood Colors

White Mate

Black Mate

Natural Oak

Locarno Cherry

Brown Oak

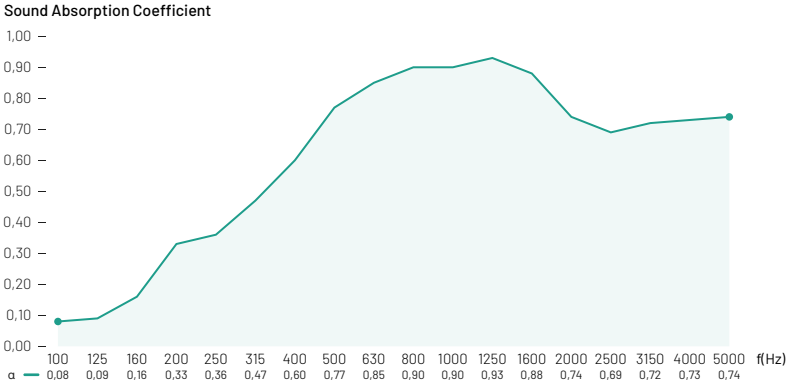
Dark Wenge

Metallic Copper

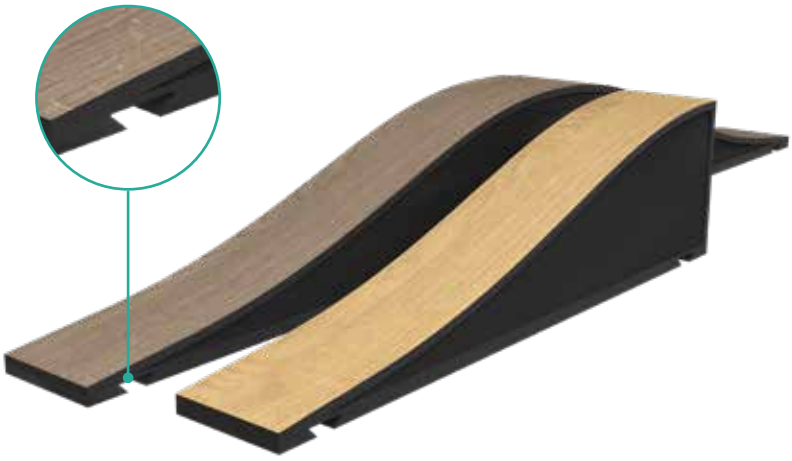
Metallic Gold

Performance

Sound Absorption Coefficient



FlexiWave
Ultra



The revolutionary **Flexi Wave Ultra** acoustic panel brings performance and design to any space. This hybrid acoustic panel acts as an absorber and diffuser simultaneously. Very easy to install, it hooks on to the existing frames but can also be glued directly to flat surfaced ceilings. The Flexi Wave Ultra is the ideal product to improve the acoustics and decor of your office, shop or restaurant. This acoustic panel is ideal for residential installations, cinemas, restaurants, or on its own, as a decorative piece.

Features

- Acoustic absorption and diffusion on a single panel
- Polyurethane free
- VMT technology
- High quality MDF with anti-scratch melamine
- PET absorption inside
- Professional fixation system
- Anti-alergenic
- VOCs free

Dimensions

A 595 × 100 × 150 mm / 23.4" × 3.9 × 5.9"

B 1195 × 100 × 150 mm / 46.8" × 3.9" × 5.9"

Package Information

6 units/box

Technical Information

Raw Material: VicPET Wool, MDF and Melamine

Acoustic Properties: Medium Frequencies Absorption and Diffusion

NRC: 0,70

Fire Rate: TBA

Installation: VicFix J Profile (included), Flexi Glue Ultra

Wood Colors

White Mate

Black Mate

Natural Oak

Locarno Cherry

Brown Oak

Dark Wenge

Metallic Copper

Metallic Gold

Performance

Multifuser Wood
MKII

Made from solid wood, the **Multifuser Wood MKII** collection is perfect for use in venues where effective diffusion is often required, without too much absorption occurring at the same time. With its striking angled surface, the two-dimensional diffuser is based on a QRD sequence combined with changing reflection techniques (a result of the angled surface). The panel itself is made in two parts. Each part can be rotated in different directions so that a uniform, omni-directional scattering of sound is achieved, with particularly effective diffusion of mid and low frequencies. Multifuser Wood 64 works between 310 Hz and 8k Hz and Multifuser Wood 36 works between 470 Hz and 10k Hz.

Dimensions

A 595 × 595 × 96 mm / 23.4" × 23.4" × 3.8"

B 595 × 595 × 135 mm / 23.4" × 23.4" × 5.3"

Package Information

1 unit/box

Technical Information

Raw Material: Wood

Acoustic Properties: Diffusion

NRC: 36: 0.25; 64: 0.35

Fire Rate: Europe: Euroclass E

USA: Class B (ASTM-E84)

Installation: VicFix J Profile (included)

Wood Colors

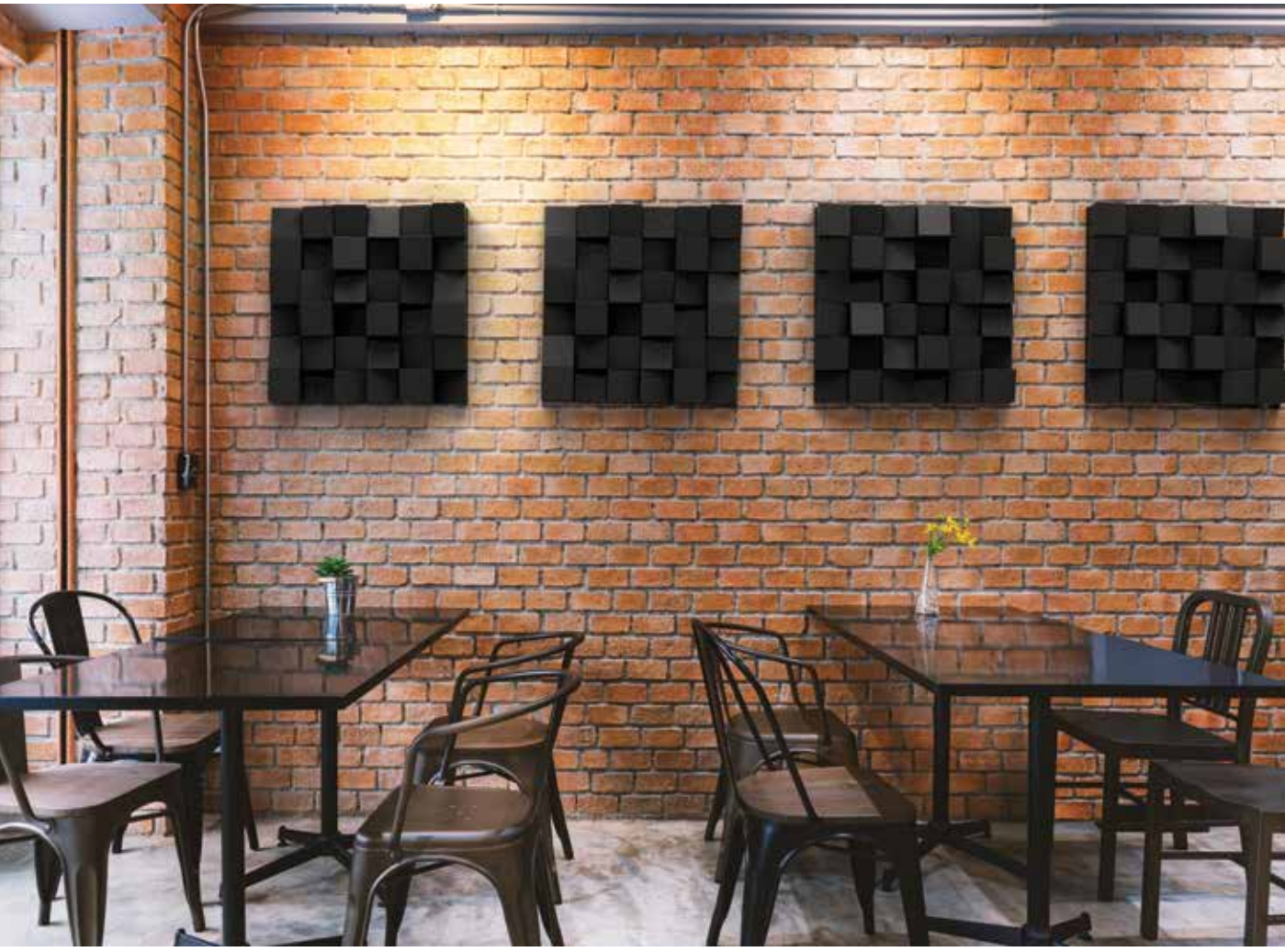
White Mate

Black Mate

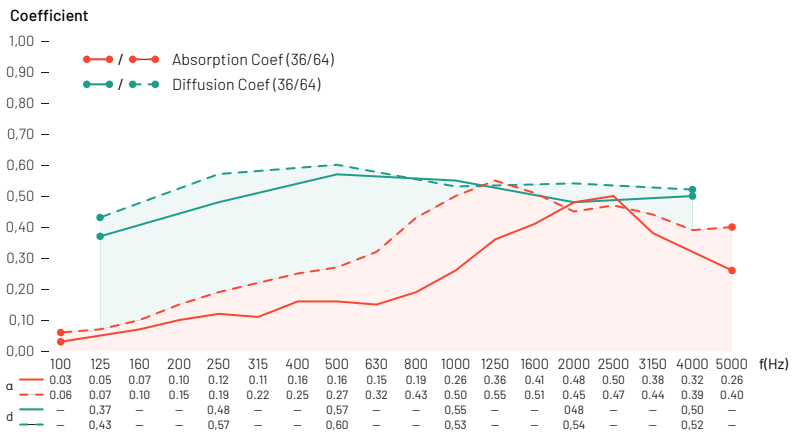
Metallic Copper

Metallic Gold

Natural Wood

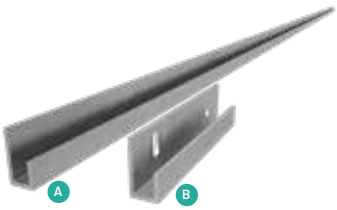


Performance



VicFix systems

VicFix systems were developed to simplify the application of Vicoustic acoustic panels, reducing installation time. For temporary or long-term installations, there is an accessory for each application.



VicFix **J Profile**

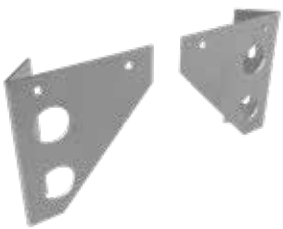
With two different sizes: 80 mm (4 units) and 2 m (5 or 20 units) and made of aluminium, the VicFix J Profile is sturdy, but easy to fix on the wall and ceiling. It allows the user to interchange absorption and diffusion panels according to his desires or room acoustic objectives, by simply sliding the panels.

Dimensions: A 10 × 15 × 2000 mm; 0,59″ × 0,99″ × 78,74″; B 10 × 15 × 80 mm; 0,59″ × 0,99″ × 3,15″

VicFix **Mini**

A simple and effective way to suspend your acoustic panels to the wall. With this accessory it is very simple to change the layout of the acoustic panels, either for aesthetic reasons or simply because you want to have different acoustics for different moments.

Dimensions: 10 × 15 × 76 mm; 0,59″ × 0,99″ × 2,99″



VicFix **Corner**

VicFix Corner was developed to support all acoustic panels using the J Profile fixation system. With this accessory you can easily install the panels on the corner of a room, a solution that allows it to work as a semi Bass Trap.

Dimensions: 80 × 83 × 21,5 mm; 3.15″ × 3,27″ × 8,46″

VicFix **T-Bar**

Developed for ceiling suspension of Vicoustic products using T-Grid system.

Dimensions: 10 × 15 × 80; 0,59″ × 0,99″ × 3,15″ mm

VicFix **Frame**

Lightweight fixation frame developed to hang 3 (3 × 1) or 4 (2 × 2) acoustic panels on the wall. It is easy to mount and it allows the exchange of panels from the frame, which can be used with panels made out of VicPet Wool, M1 and EPS.

Dimensions: A 400 × 1600 mm; 15,75″ × 63″; B 1000 × 1000 mm; 39,37″ × 39,37″

VicFix **Magnetic**

This accessory is composed by a round metal plate, that must be glued to our products and a magnet that should be screwed to the wall. Very practical for those who want to change the place of the panels.

Dimensions: Metal plate: Ø150 mm / Ø5,9″; Magnet: Ø20 mm / Ø0,79″

VicFix **Metallic**

Easy and fast to install, you just need to screw the VicFix Metallic into the wall, and hang the acoustic panels. Perfect for VicPET Wool and M1 Foam products.

Dimensions: 75 × 10 mm; 2,95″ × 0,59″

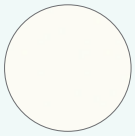
VicFix **Base**

The VicFix Base allows you to adapt the classic products to our new VicFix J Profile fixation system. You just have to glue the acoustic panels to the base and it quickly gets fit to be used with the new fixing system.

Dimensions: 595 × 595 × 12 mm; 25,42″ × 25,42″ × 0,47″

Finishes

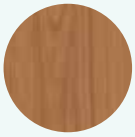
Wood Colors


White Mate

Black Mate

Dark Wenge

Brown Oak

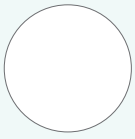

Locarno Cherry

Natural Oak

Metallic Copper

Metallic Gold

VMT Colors


Natural White

Black

Grey

Light Grey

Blue

Bondi Blue

Pumpkin Orange

Coral

Musk Green

Moss Green

Beige

Brown

VMT **Collections**

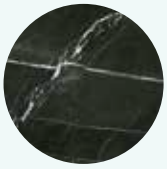
Natural Stones

Calacatta
Carrara

Calacatta
Cremo

Emperador
Dark

Fusion
Wow


Grey
Stone

Hematite
Black

Invisible
Grey

Magic
Brown

Moonlight
Grey

Patagonia

Port
Black

Striato
Elegante

Travertino
Classico

Natural Woods

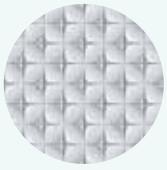
Almond Oak

Black Laurel

Ebony

Oak

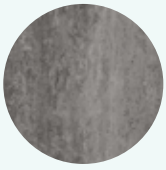
3D


3D_1

3D_2

Concrete

Concrete_1


Concrete_3

Nature

Leafs

Palm B&W

Tropical

Tiles

Tiles_1

Tiles_3

Vicoustic
Perfecting Acoustics Sustainably

Vicoustic is a company in constant evolution with strong international expression, represented in more than 80 countries

Vicoustic understands sound - and we know what makes a truly exceptional acoustic and audio experience. Being at the forefront of acoustic technology, we combine engineered systems with stunning design to bring you sound that is free of compromises, but full of high quality performance.
A leading force in the industry, founded in 2007, Vicoustic is found in over 80 countries around the world. We understand the unique sound dynamics of a room or venue. So whether it's a Home Cinema, Hi-Fi room to a professional sound system for radio and television, our expertise for peak acoustic performance is second-to-none.
The products from Vicoustic deliver clever and innovative solutions to meet the demands of spaces which require a sophisticated soundscape. Taking on board the high standards of our customers, we continuously strive to manufacture products of superior functionality, adaptability, but all the while with a sustainable and environmentally conscious mind-set.

From conception through to completion, we work closely with architects, engineers and designers to deliver a project successfully irrespective of complexity.

Our project team includes senior acoustic engineers and designers that are experts in taking you on your acoustic and design needs. The pioneering hardware and software tools we have engineered have proved to be very reliable to support the integration of acoustic treatment and sound insulation solutions through a new-build or a refurbishing project.
Our Research and Development Team is also available to develop customized products to satisfy your needs.
Our customers will also be supported by our Sales, Marketing and Logistics teams to assist with transportation, communication and all information that may be required: pricing; installation guides; catalogues; etc.
Together we have proven that we can provide high levels of value to see our customers through the whole process of installing acoustic solutions.
This includes reliable and effective recommendations of products and support services throughout your whole project process from conception through to completion.

A Research center for rigorous in-house testing

This is what makes Vicoustic a distinguished brand and leader in its sector

We believe that Vicoustic should constantly be paving the way, innovating and driving sound technologies to ensure that we are not only leading the field, but producing the best acoustics in every space we are acoustically curating. What makes us outliers in the industry is our 'Vicoustic Research Centre', inaugurated in 2012 alongside the Vicoustic HQ. We pride ourselves on developing and continuously advancing our technologies and ways of working to deliver the best product to our customers.

The Research Centre operates on a multidisciplinary platform: the 'Multifunctional Room' and the 'Innovative Acoustic Chamber'. We have a brilliant (and fun!) time using this centre to test our products and investigate and challenge the way we use audio and acoustic technologies.

Vicoustic **Sustainability Approach**

In the past decade, Vicoustic has been developing a strong concern in terms of creating new sustainable acoustic solutions

We are committed to making products in an environmentally friendly way. This is important to Vicoustic and an integral part of our product development.

Following an extensive project looking into the sustainability of our creations, a substantial part of our products are now made using recycled or recyclable materials. Most notably, Vicoustic has increased the use of VicPET Wool. A non-woven textile with superb acoustic performance, but predominantly made from recycled plastic bottles. 2018 sees a 3rd Vicoustic factory opening, meaning we are more determined than ever to use eco-friendly products in our lines.

But sustainability is not limited to manufacturing. Our aim for a greener product is also in the quality and durability of our creations and we aim for these to have a great, long and lasting life.

VCOUSTIC

Production

Strategically located in the largest industrial cluster in Portugal

Packaging

Each individual panel is inspected, placed in plastic casing and boxed. Production and Logistic enhancements guarantee high quality control and fast expedition

Shipping

Vicoustic Acoustic Solutions are currently being shipped over 80 different countries worldwide

Installation

"Out of the box" solutions, easy to install

NORTE 2020
PROGRAMA OPERACIONAL REGIONAL DO NORTE
PORTUGAL 2020
UNIÃO EUROPEIA
Fundos Europeus Estruturais e de Investimento

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V/COUSTIC
INNOVATIVE ACOUSTIC SOLUTIONS

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