Catalog

Work-spaces

reddot winner 2020

VICOUSTIC

INNOVATIVE ACOUSTIC SOLUTIONS

Work-spaces

V/COUSTIC

INNOVATIVE ACOUSTIC SOLUTIONS

Why is **acoustics** so important?

Acoustically pleasant work environments are essential for the health and well-being of employees, as they result in gains on the ability to concentrate, affecting efficiency and productivity.

The office layout has a huge impact on acoustics. Discomfort with noise interferences has proven negative effects on human health. Due to the physiological reactions associated, prolonged exposure to noise may be related to cardiovascular diseases, generalized psycho-social effects, reduced performance and attention, stress, among others.

In large spaces and open plan offices where different teams are working, noise management can be a considerable challenge. Here it is necessary to prevent noise from increasing, whilst maintaining the privacy of teams in a balance that is not always easy to manage.

To ease this challenging handling, Vicoustic created several product ranges that, in addition to having a great acoustic performance, will also have a positive visual impact.

Furthermore, Vicoustic takes a holistic approach to the creation of its products, taking into account sustainable goals such as air quality and the use of recycled and recyclable raw materials that are deprived of emission of materials harmful to health.

Future office
challenges

Transformations conveyed by the COVID-19 pandemic made it indispensable to rethink the existing office spaces, in order to attain safety and comfort.

The increasing need to use audiovisual equipment has become a challenge for speech inteligibility during video conference meetings, that can only be attained within a room that presents good acoustic conditions and low reverberation.

On the other side, the encouraged resource to wider empty and isolated spaces triggers echo effects, whilst resorting to glazed divisions spawns sound reflections, all of which entail special attentiveness to the acoustics in the workplace.

Alongside with the changes brought by the pandemic, environmental and health concerns are also decisive in the choice of materials that acoustically treat these spaces.

Vicoustic's new product lines were developed taking into account these new challenges, creating products that are not only environmentally responsible, whilst deprived of harmful components to human health. Our acoustic panels were specially tailored to help modern offices achieve upright internal acoustic conditions that both enhance creativity and productivity in the workplace.

INDOOR ADVANTAGE GOLD
BUILDING MATERIALS

The VMT family acoustic panels achieved **Indoor Advantage™ Gold Certification Building Materials**, certified by SCS Global services, meeting the recommended standards for school classrooms and private offices. Products that have this certification help buildings achieve and maintain better indoor air quality and contribute to credits in LEED, WELL, RESET, BREAM and other green building rating systems.

VicBooth
Office

The **VicBooth Office** is a complete sustainable ecosystem of phone booths, private spaces, and isolated meeting rooms for the future office.

Today the office environment is changing more than ever. There is an increasing need for flexibility, privacy, sound insulation, and speech intelligibility during phone calls, video call conferences, or work activities and meetings requiring focus. These have made acoustic booths and modularity a must-have in any workplace.

The VicBooth Office system is flexible, future-proof and can adapt to changes more than any other solution on the market. Vicoustic developed modular booths in different sizes, with a wide range of accessories that can be upgraded and split into smaller units.

Applications

Phone Booth

Team members often need to find an isolated space to take a phone call or make a video call conference in good acoustic conditions.

Chat Booth

A 1 × 3 m chat booth was designed for small one-on-one meetings and conversations with speech privacy and intelligibility.

Focus Cube

A 2 × 2 m booth is a solution for occasional focus work activities that require focus and privacy.

Conference Booth

Large conference booths were designed for meetings, allowing several team members to have a conversation or watch a presentation in an open type environment that insulates itself from outside noise and guarantees confidentiality to the dialogues taken inside.

Alternative applications

The VicBooth Office is easy to adjust to any needs. You can adapt your booth to various applications.

Highlights

Made from recycled materials

Walls and ceiling in high-performance VMT, mostly made from recycled plastic bottles.

Modularity and Expansion

The modular system of the cabin allows you to design your own booth and grow it into different sizes and update its features.

Unbeatable price

At an unbeatable price for an office booth.

Acoustic absorption

The VMT interior presents internal acoustic sound-absorbing walls and ceiling to assure good speech intelligibility levels inside.

Sound insulation

VicBooth Office reduces noise and sound interferences from inside and outside with only 1.1″ thick walls – Class B enclosure (ISO 23351-1).

Speech Level Reduction Measurements: According to the values obtained for the Speech Level Reduction parameter and the criteria provided by the international standard (ISO 23351-1), it is possible to conclude that the VicBooth Office is a Class B enclosure. This means that according to the referred standard, it "produces acceptable speech privacy if the background noise level of the room is at least 35 dB LAeq". Therefore, it is possible to conclude that VicBooth Office can provide acceptable speech privacy in any modern office space.

Custom-design

The interior walls of VicBooth Office are made from VMT, a technology that allows you to print any color, pattern, or design that you desire for your space.

Using 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 (like in this example with the Vicoustic Logo and lines), a particular image, a specific color, this is the solution that best fits you. It's possible to request the VMT line color schemes used on acoustic panels, as well as a custom-made design.

You also can change interior patterns by acquiring new interior VMT panels (except for the door and side panels with the window).

Technical Specs

	Dimensions (Exterior / Interior)	Ventilation Units (Included)	Materials
1×1	1076 × 1030 × 2277 mm / 968 × 968 × 2008 mm 42,4″ × 40,6″ × 89,6″ / 38,1″ × 38,1″ × 79,1″	1	**Absorbing material:** VicPET Wool and ViCycle
1×2	1076 × 2030 × 2277 mm / 968 × 1968 × 2008 mm 42,4″ × 79,9″ × 89,6″ / 38,1″ × 77,5″ × 79,1″	1	**Structure:** MDF HLS **Exterior:** MDF with High-Pressure Laminate coating
1×3	1076 × 3030 × 2277 mm / 968 × 2968 × 2008 mm 42,4″ × 119,3″ × 89,6″ / 38,1″ × 116,9″ × 79,1″	2	**Interior:** High-performance VMT
2×2	2076 × 2030 × 2277 mm / 1968 × 1968 × 2008 mm 81,7″ × 79,9″ × 89,2″ / 77,5″ × 77,5″ × 79,1″	2	**Exterior door handle:** Coated Steel **Interior door handle:** Leather
2×3	2076 × 3030 × 2277 mm / 1968 × 2968 × 2008 mm 81,7″ × 119,3″ × 89,2″ / 77,5″ × 116,9″ × 79,1″	2	**Door window and window:** Laminated Glass
3×3	3076 × 3030 × 2277 mm / 2968 × 2968 × 2008 mm 121,1″ × 119,3″ × 89,2″ / 116,9″ × 116,9″ × 79,1″	3	**Floor:** Dark Grey needled pile carpet
3×4	3076 × 4030 × 2277 mm / 2968 × 3968 × 2008 mm 121,1″ × 158,7″ × 89,2″ / 116,9″ × 156,2″ × 79,1″	4	**Wood Colors:**

Wood Colors:
- White Matte
- Natural Oak
- Black Matte

A+ OEKO-TEX® CONFIDENCE IN TEXTILES STANDARD 100 EPD

* Measurements taken according to ASTM E595 and NIC Value calculated according to ASTM E413.

Power Charger: VicBooth Office is delivered with a Power Strip with 2 × USB charger ports to plug electronic devices. For further use of cables and connections, each 1 × 1 m module has a 70 mm diameter channel in the floor to accommodate cable passage, even after the booth is assembled.

Silent Mechanical Ventilation: The low-noise Mechanical Ventilation system included in VicBooth Office is attached to the ceiling.

In addition, the system is designed to ensure a very low noise within the booth of NR21.

Airflow Labyrinth: The Airflow Labyrinth was designed to ensure passive air circulation within the booth. Air passages in the booth's floor and ceiling circulate the air using body heat: users' body heat brings in new air from the outside through the floor and pushes out old air through the ceiling.

VicStrip
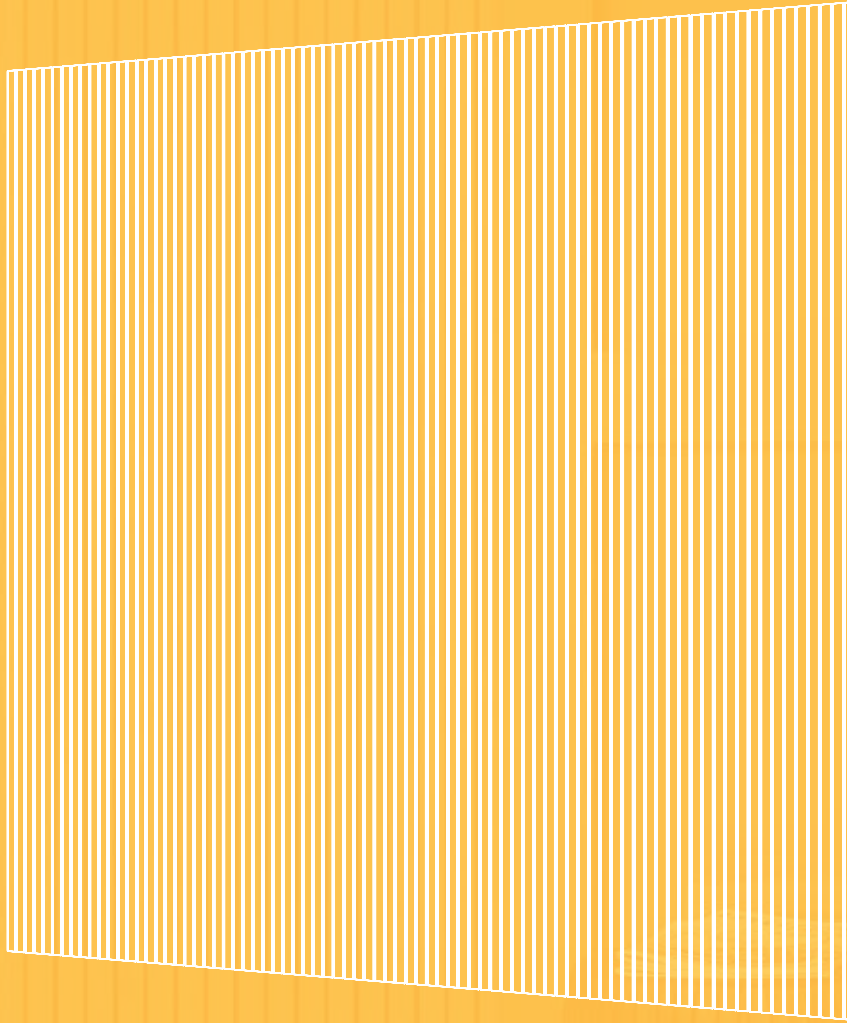
VicStrip

VicStrip is a new innovative approach to slat panels by introducing Laminated VicPET Wool free of wood, making it more sustainable, flexible and lightweight.

VicStrip was drawn with the lines of contemporary styling decorative wall panels, for anyone that wishes to provide offices, restaurants, hotels, and homes with a design embellished solution amid the added value of removing sound reverberation.

VicStrip can be easily glued to walls and ceilings, free of metal nails and with joints almost invisible. Less weight also means less expensive shipment and faster transport and installation.

Finishes

| Brown Oak | Natural Oak | Natural Walnut | Dark Walnut |

Specifications

High-Pressure Laminate (HPL)

VicPET Wool

240 cm | 270 cm
94.5" | 106.3"

1.2 cm / 0.5"

59.5 cm / 23.6"

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	0.18	0.18	0.22	0.46	0.58	0.72	0.94	1.00	1.00	1.00	0.91	0.85	0.83	0.82	0.83	0.85	0.85	0.82	
α	0.01	0.01	0.02	0.04	0.04	0.05	0.08	0.17	0.29	0.41	0.62	0.77	0.90	0.91	0.91	0.87	0.82	0.73	

- VicStrip applied directly on the wall
- VicStrip mounted on 45mm batten with VicPET Wool

Dimensions

A 240 × 60 × 1.2 cm
/ 94.5" × 23.6" × 0.5"

B 270 × 60 × 1.2 cm
/ 106.3" × 23.6" × 0.5"

Package Information

2 units/box; 4 units/box

Technical Information

Raw Material:
VicPET Wool and Laminate

Acoustic Properties:
Medium and High Frequencies Absorption

NRC: Directly on the wall: 0.45;
Mounted on 45mm batten with VicPET Wool (40mm) behind the panels: 0.85

Fire Rate: Tests in progress

Installation: Glued on masonry or concrete walls (glue not included), Screwed to plasterboard walls or wooden structures (screws included)
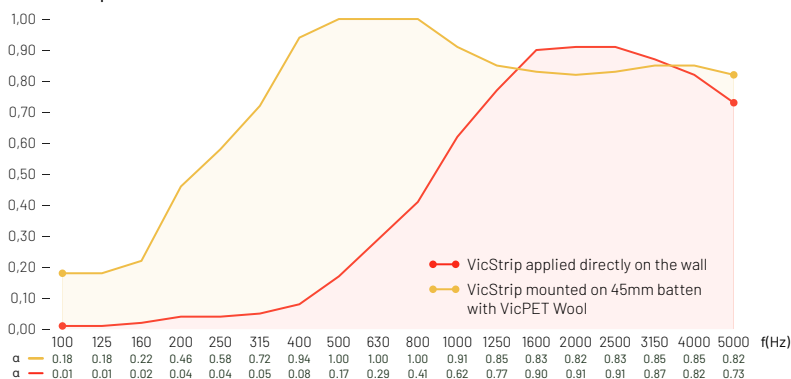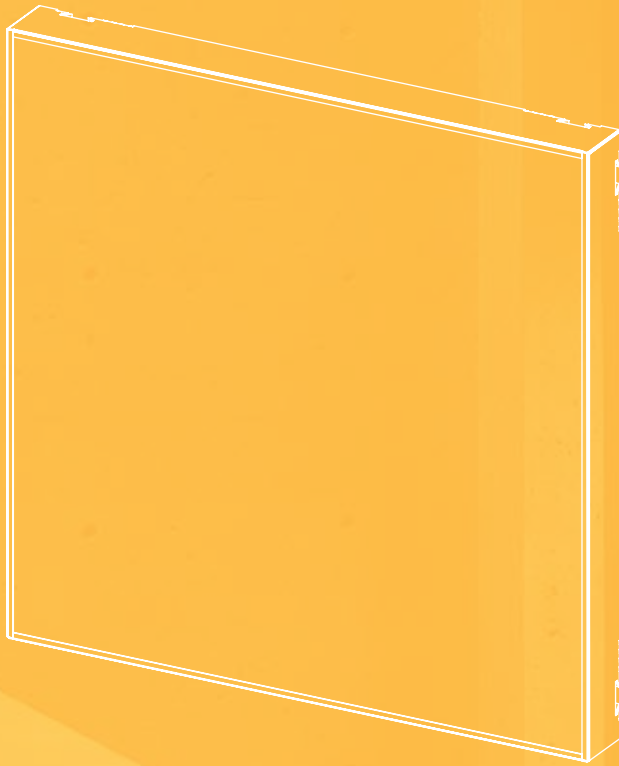
Cinema Family

Cinema
Piano VMT / Forte VMT
/ Fortissimo VMT

Vicoustic's Cinema Family is composed of 3 new panels: **Cinema Piano VMT**, **Cinema Forte VMT** and **Cinema Fortissimo VMT**. With the combination of the 3 Cinema panels you can create several 3D surfaces, with endless creativity design options. Furthermore, these panels are mostly made of recycled materials, in agreement with Vicoustic's sustainability compromise.

The Cinema line of products is available in 6 different finishes and, since it was developed with VMT technology, the panels have the possibility to be customized.

Finishes

Black
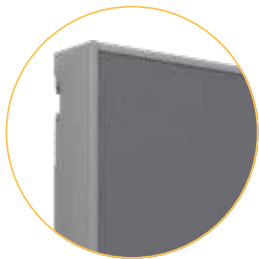
Grey

Natural White

Grey Stone

Concrete 1

Calacatta Cremo

Models
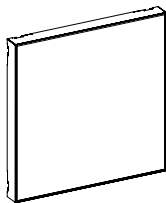
A Piano VMT
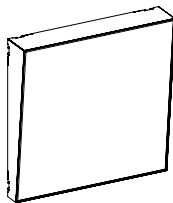
B Forte VMT
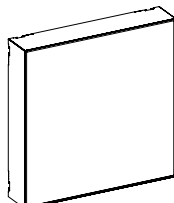
C Fortissimo VMT

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
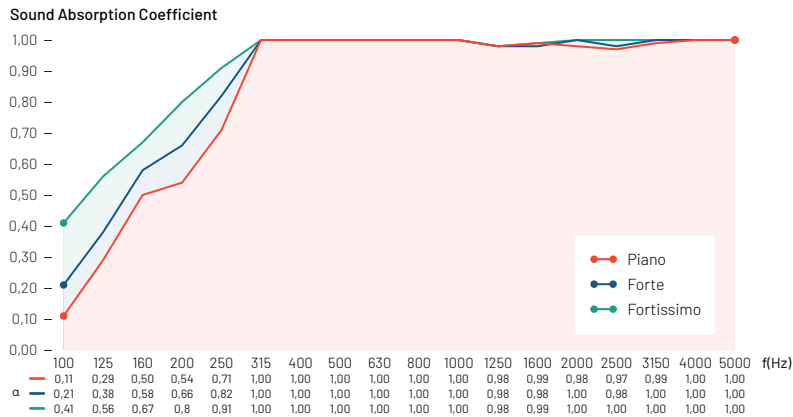
Technical Information

Raw Material:
VicPET Wool, ViCycle,
MDF and Lacquered Steel

Acoustic Properties:
Broadband Absorption

NRC: 0,95

Fire Rate:
Certification in progress

Installation:
VicFix Mini (included),
VicFix J Profile

Performance

Sound Absorption Coefficient

f(Hz)	100	125	160	200	250	315	400	500	630	800	1000	1250	1600	2000	2500	3150	4000	5000
Piano (α)	0,11	0,29	0,50	0,54	0,71	1,00	1,00	1,00	1,00	1,00	1,00	0,98	0,99	0,98	0,97	0,99	1,00	1,00
Forte (α)	0,21	0,38	0,58	0,66	0,82	1,00	1,00	1,00	1,00	1,00	1,00	0,98	0,98	1,00	0,98	1,00	1,00	1,00
Fortissimo (α)	0,41	0,56	0,67	0,8	0,91	1,00	1,00	1,00	1,00	1,00	1,00	0,98	0,99	1,00	1,00	1,00	1,00	1,00

VMT Line
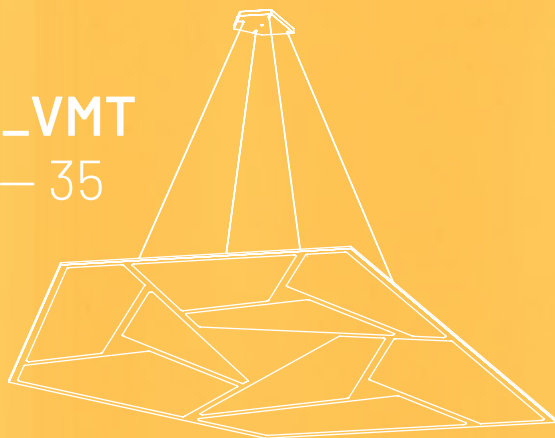
GEN_VMT
26 — 35

Flat Panel VMT
36 — 39
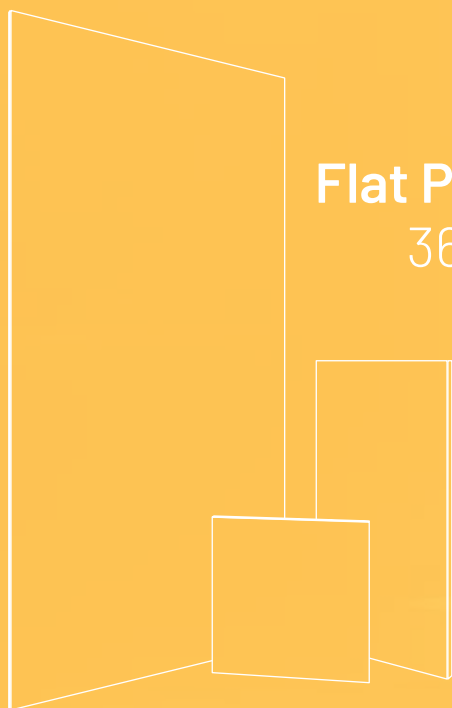
Vixagon VMT
42 — 43

GEN_VMT
The Generative Collection

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

INDOOR ADVANTAGE GOLD BUILDING MATERIALS

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OEKO-TEX®
CONFIDENCE IN TEXTILES
STANDARD 100

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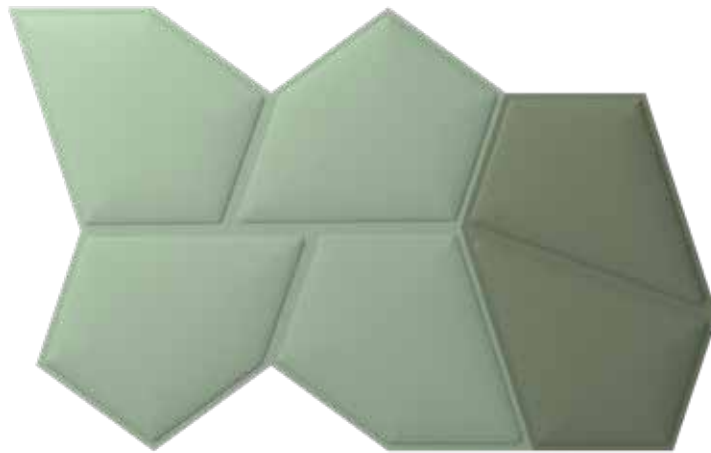
A set of small tiles formed by two different modules, that once connected generate regular and irregular grids, exploring different colors and combinations. A perfect solution for small spaces.

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"

INDOOR ADVANTAGE GOLD
BUILDING MATERIALS

red**dot** winner 2020

A+

OEKO-TEX®
CONFIDENCE IN TEXTILES
STANDARD 100

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

Package Information

12 units/box

VMT Colors

Bondi Blue   Coral   Moss Green   Natural White

Performance

Sound Absorption Coefficient

1,00 —																		
0,90 —																		
0,80 —																		
0,70 —																		
0,60 —																		
0,50 —																		
0,40 —																		
0,30 —																		
0,20 —																		
0,10 —																		
0,00 —																		

	100	125	160	200	250	315	400	500	630	800	1000	1250	1600	2000	2500	3150	4000	5000	f(Hz)
α	0,01	0,01	0,04	0,09	0,12	0,12	0,11	0,17	0,22	0,26	0,33	0,43	0,48	0,53	0,6	0,63	0,68	0,81	

Features

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

GEN_VMT
PENRAY 01 Panels

From the GEN_VMT collection, **PENRAY 01 Panels** are an outstanding solution to fill out large surfaces. Formed by three different modules, the combinations are genuinely boundless. Functionality, sustainability, and aesthetics are all combined to generate a remarkable acoustic panel. GEN_VMT Penray 01 Panels come in 6 units per box, that include 2 units of the flat shape, 2 units of the intermediate embossed shape and 2 units of the shape with more relief details. Each tile fills an area of 0.31m2 and the 6 units fill 1.86m2.

Dimensions
600 × 705 × 20mm / 23.6" × 27.8" × 0.8"

Package Information
6 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

Performance

Sound Absorption Coefficient

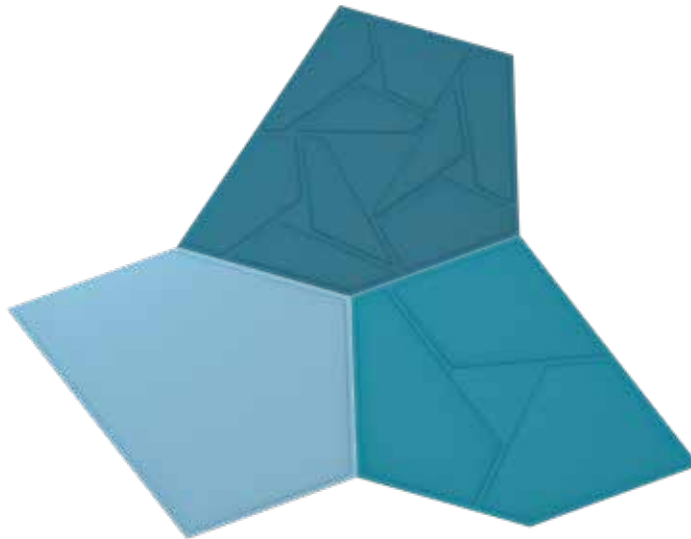| f(Hz)	100	125	160	200	250	315	400	500	630	800	1000	1250	1600	2000	2500	3150	4000	5000
α	0,01	0,01	0,04	0,09	0,12	0,12	0,11	0,17	0,22	0,26	0,33	0,43	0,48	0,53	0,6	0,63	0,68	0,81

Features

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

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" × 0.8"

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
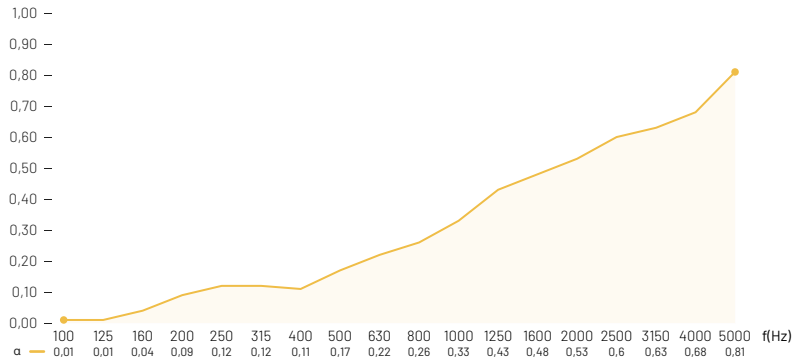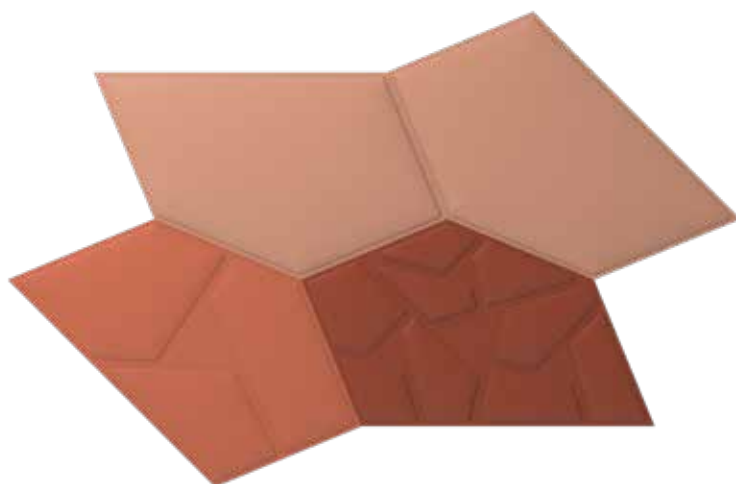
Natural White

INDOOR ADVANTAGE GOLD BUILDING MATERIALS

reddot winner 2020

A+

OEKO-TEX® CONFIDENCE IN TEXTILES STANDARD 100

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	0,01	0,01	0,04	0,09	0,12	0,12	0,11	0,17	0,22	0,26	0,33	0,43	0,48	0,53	0,6	0,63	0,68	0,81	

Features

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

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; *Patterns available only in 20 mm VMT

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
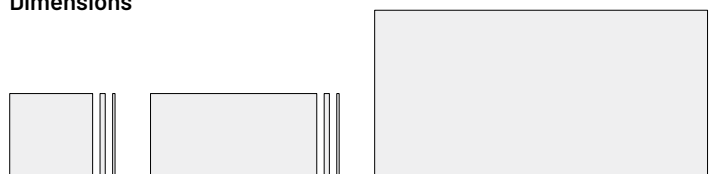

AluFrame VMT T
Combine two panels with a glamourous frame line

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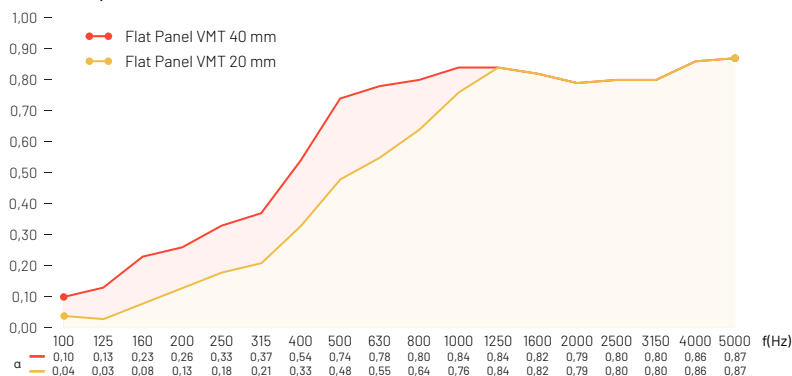Enhance acoustics by spacing the panel 40 mm from the wall

Dimensions

595 × 595 × 20 / 40 mm

1190 × 595 × 20 / 40 mm

2380 × 1190 × 20 mm

Performance

Sound Absorption Coefficient

— Flat Panel VMT 40 mm
— Flat Panel VMT 20 mm

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

Technical Information

Package Information: 8 units/box; 4 units/box (selected sizes)

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, Flexi Glue Ultra, AluFrame Single,

AluFrame Double, AluFrame VMT T, VicSpacer, VicSpacer Plus

INDOOR ADVANTAGE GOLD
BUILDING MATERIALS

OEKO-TEX®
CONFIDENCE IN TEXTILES
STANDARD 100

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
- **Also available in XXL size (2384 × 1194 × 66 mm)**

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

599 × 1194 × 66 mm / 23,6″ × 47,0″ × 2.6″
2384 × 1194 × 66 mm / 93,9″ × 47,0″ × 2,6″

Package Information

VicSpacer: 4 units/box
VicSpacer XXL: 1 units/box

Technical Information

Raw Material: Wood and Lacquered Steel
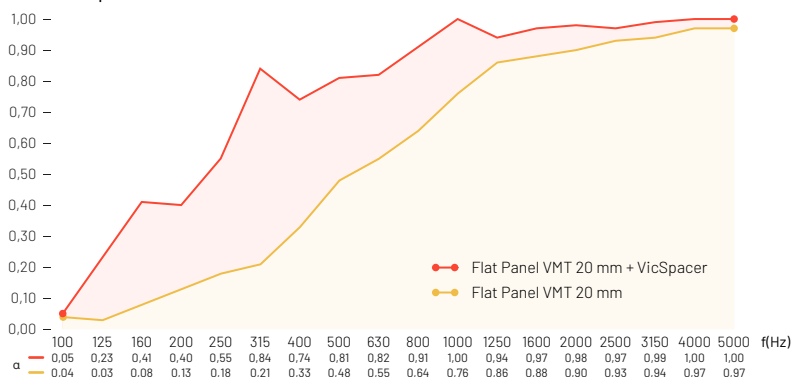**NRC:** 0.85 (VMT 20 mm + VicSpacer)
Instalação: VicFix Mini (incluído);
VicFix J Profile; VicSpacer
Suspension Kit NEW

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 (Flat Panel VMT 20 mm + VicSpacer)	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
(Flat Panel VMT 20 mm)	0,04	0,03	0,08	0,13	0,18	0,21	0,33	0,48	0,55	0,64	0,76	0,86	0,88	0,90	0,93	0,94	0,97	0,97

Flat Panel VMT 20 mm + VicSpacer
Flat Panel VMT 20 mm

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 VicFix Mini
E Coated steel frame
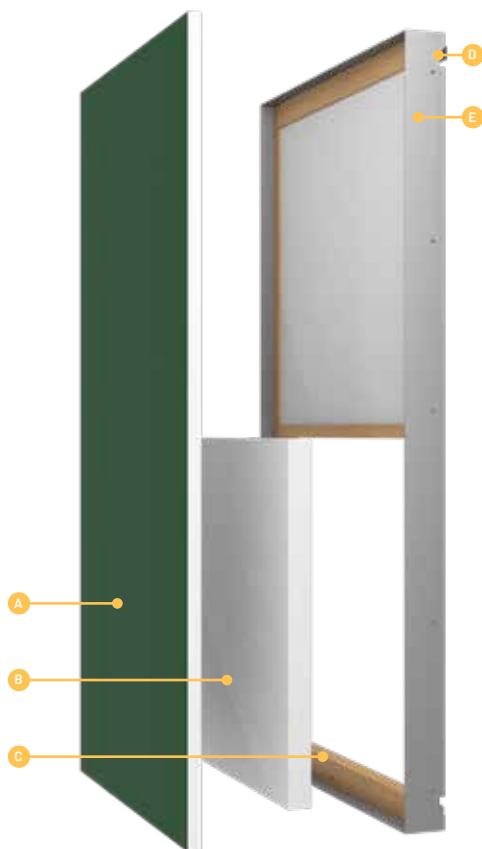
Colors

White Matte Black Matte Grey Matte

Dimensions

599 × 1194 × 66 mm
/ 23,6″ × 47,0″ × 2.6″

Package Information

4 units/box

Technical Information

Raw Material: VicPET Wool, Wood and Lacquered Steel
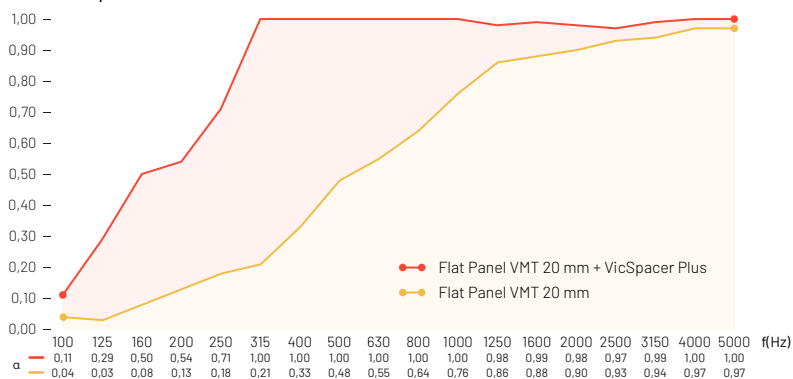**NRC:** 0.95 (VMT 20 mm + VicSpacer Plus)
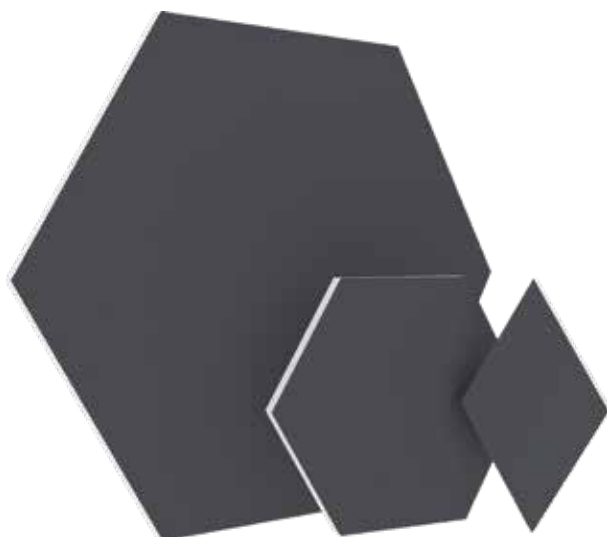**Instalação:** VicFix Mini (incluído); VicFix J Profile; VicSpacer Suspension Kit **NEW**

Performance

Sound Absorption Coefficient

Flat Panel VMT 20 mm + VicSpacer Plus
Flat Panel VMT 20 mm

f (Hz)	100	125	160	200	250	315	400	500	630	800	1000	1250	1600	2000	2500	3150	4000	5000
α	0,11	0,29	0,50	0,54	0,71	1,00	1,00	1,00	1,00	1,00	1,00	0,98	0,99	0,98	0,97	0,99	1,00	1,00
	0,04	0,03	0,08	0,13	0,18	0,21	0,33	0,48	0,55	0,64	0,76	0,86	0,88	0,90	0,93	0,94	0,97	0,97

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
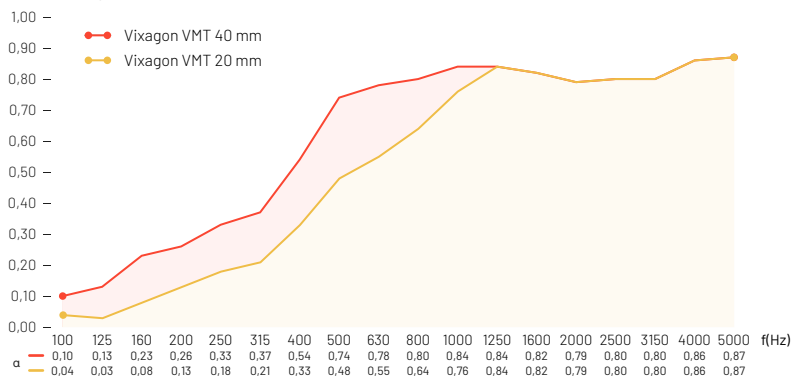
Installation: Velcro, Flexi Glue Ultra

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

Legend:
- Vixagon VMT 40 mm
- Vixagon VMT 20 mm

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.
**Patterns available only in 20 mm VMT

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

INDOOR ADVANTAGE GOLD BUILDING MATERIALS

ÉMISSIONS DANS L'AIR INTÉRIEUR **A+**
A+ A B C
OEKO-TEX® CONFIDENCE IN TEXTILES **STANDARD 100**

Pattern Designs
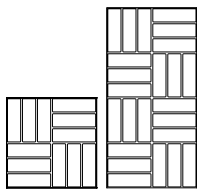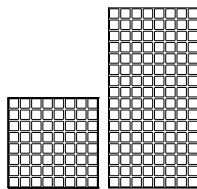
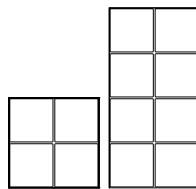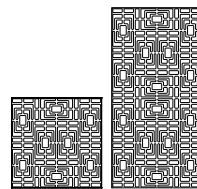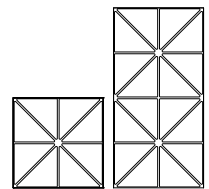|				
Deck	**Square 8**	**Square 30**	**Symmetric**	**Triangles**
595 / 1190 × 595 × 15 mm	595 / 1190 × 595 × 15 mm	595 / 1190 × 595 × 15 mm	595 / 1190 × 595 × 15 mm	595 / 1190 × 595 × 15 mm

Performance

Sound Absorption Coefficient
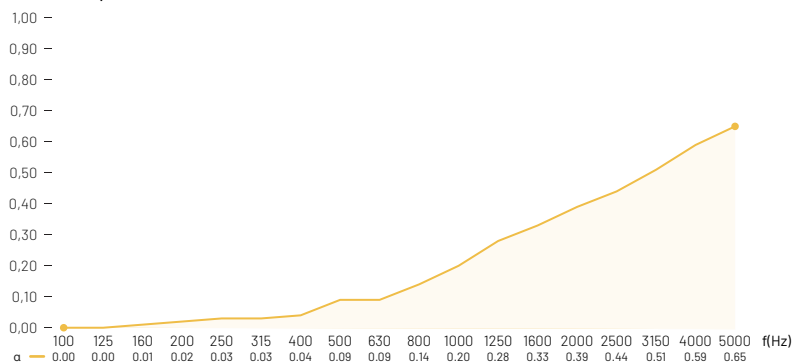
α —	100	125	160	200	250	315	400	500	630	800	1000	1250	1600	2000	2500	3150	4000	5000	f(Hz)
	0.00	0.00	0.01	0.02	0.03	0.03	0.04	0.09	0.09	0.14	0.20	0.28	0.33	0.39	0.44	0.51	0.59	0.65	

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

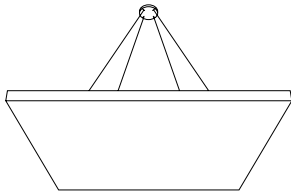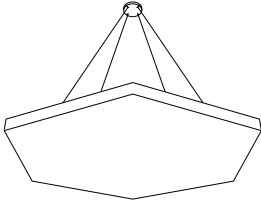**Installation:** Magnetic and Mechanical Suspended Fixation (Included)

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
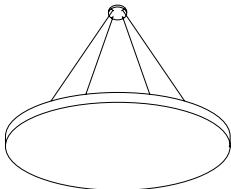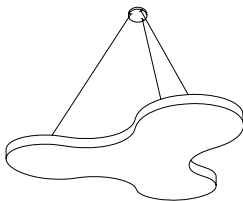
Shapes

A **Square**

B **Hexagon**

C **Round**

C **Petal**

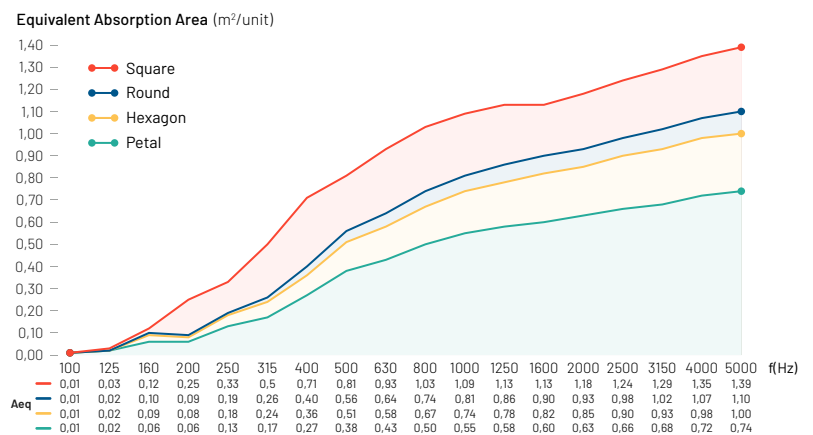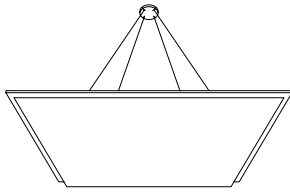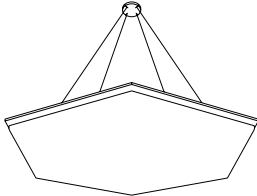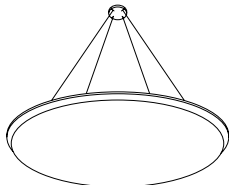## Features

- 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 (m²/unit)

- Square
- Round
- Hexagon
- Petal

Aeq	100	125	160	200	250	315	400	500	630	800	1000	1250	1600	2000	2500	3150	4000	5000
	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	0,19	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

f (Hz)

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

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

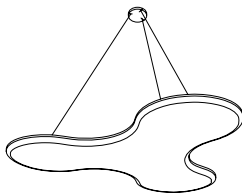**Available patterns** can be found at the end of the Catalog and at vicoustic.com

Shapes

(A) **Square**

(B) **Hexagon**

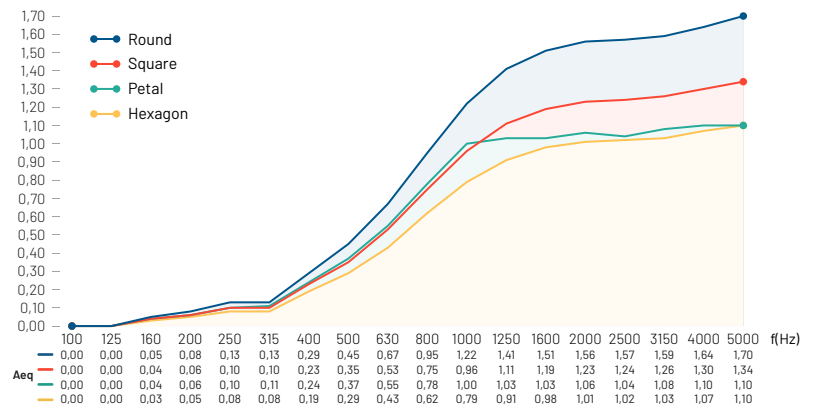(C) **Round**

(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 (m²/unit)

- Round
- Square
- Petal
- Hexagon

Aeq	100	125	160	200	250	315	400	500	630	800	1000	1250	1600	2000	2500	3150	4000	5000	f(Hz)
	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

INDOOR ADVANTAGE GOLD BUILDING MATERIALS

ÉMISSIONS DANS L'AIR INTÉRIEUR A+

OEKO-TEX® CONFIDENCE IN TEXTILES STANDARD 100

Performance

Equivalent Absorption Area (m²/unit)

Aeq	100	125	160	200	250	315	400	500	630	800	1000	1250	1600	2000	2500	3150	4000	5000	f(Hz)
	0,10	0,07	0,12	0,20	0,28	0,35	0,43	0,52	0,51	0,60	0,66	0,76	0,79	0,83	0,89	0,92	1,06	1,12	
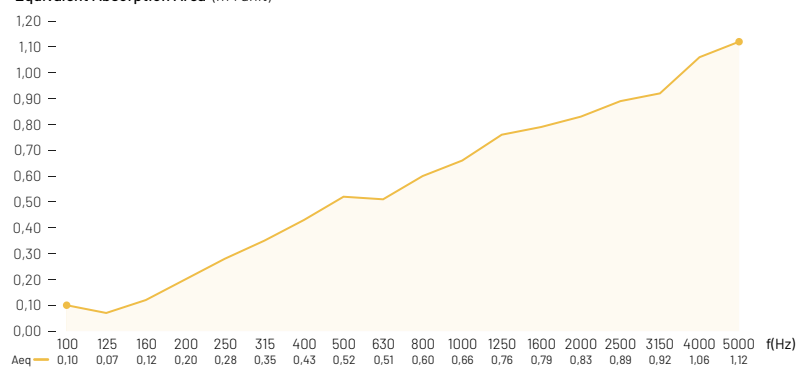
Features

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

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.
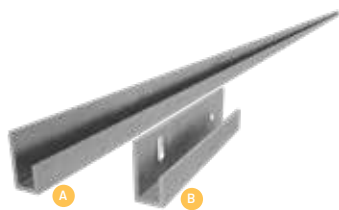
VicFix **J Profile**

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 Plus 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: Ⓐ 400 × 1600 mm; 15,75" × 63"; Ⓑ 1000 × 1000 mm; 39,37" × 39,37"
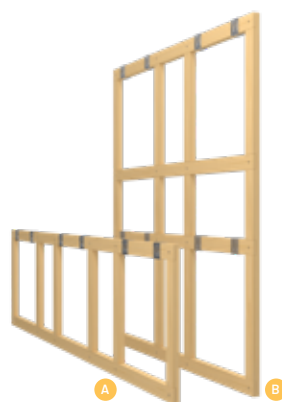
VicFix **Magnetic**

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"

VicSpacer **Suspension Kit** NEW

The VicSpacer Suspension Kit makes it possible to suspend the VicSpacer from the ceiling, increasing significantly the absorption capacity. Easy to install, this solution allows very interesting installations when different heights are combined.

Dimensions: 70 × 70 × 0.8 mm; 2.8" × 2.8" × 0.03"

Finishes

Wood Colors

Natural Oak	Brown Oak	Natural Wallnut	Dark Wallnut
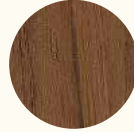
VMT Colors
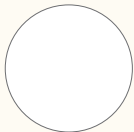
Natural White	Black	Grey	Light Grey
Blue	Bondi Blue	Pumpkin Orange	Coral
Musk Green	Moss Green	Beige	Brown
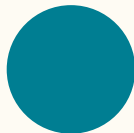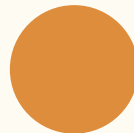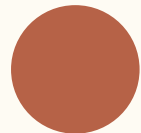
VMT **Collections**
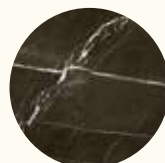
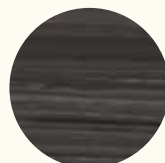**Natural Stones**

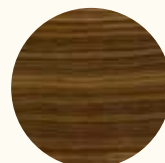Calacatta
Carrara

Calacatta
Cremo

Emperador
Dark

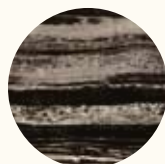Fusion
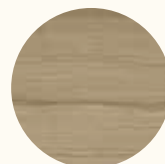Wow

Grey
Stone

Hematite
Black

Invisible
Grey

Magic
Brown

Moonlight
Grey

Patagonia

Port
Black

Striato
Elegante

Travertino
Classico

Natural Woods

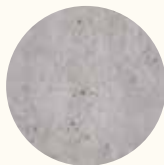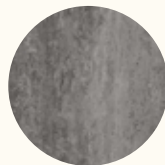Almond
Oak
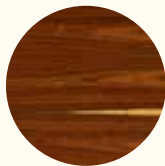
Black
Laurel

Ebony

Oak

3D
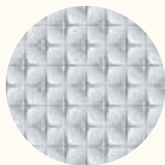
3D_1

3D_4

Concrete

Concrete_1

Concrete_3
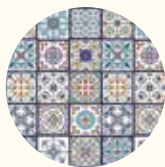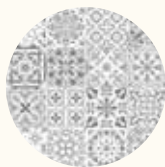
Nature

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.

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

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VICOUSTIC
INNOVATIVE ACOUSTIC SOLUTIONS

June 2023