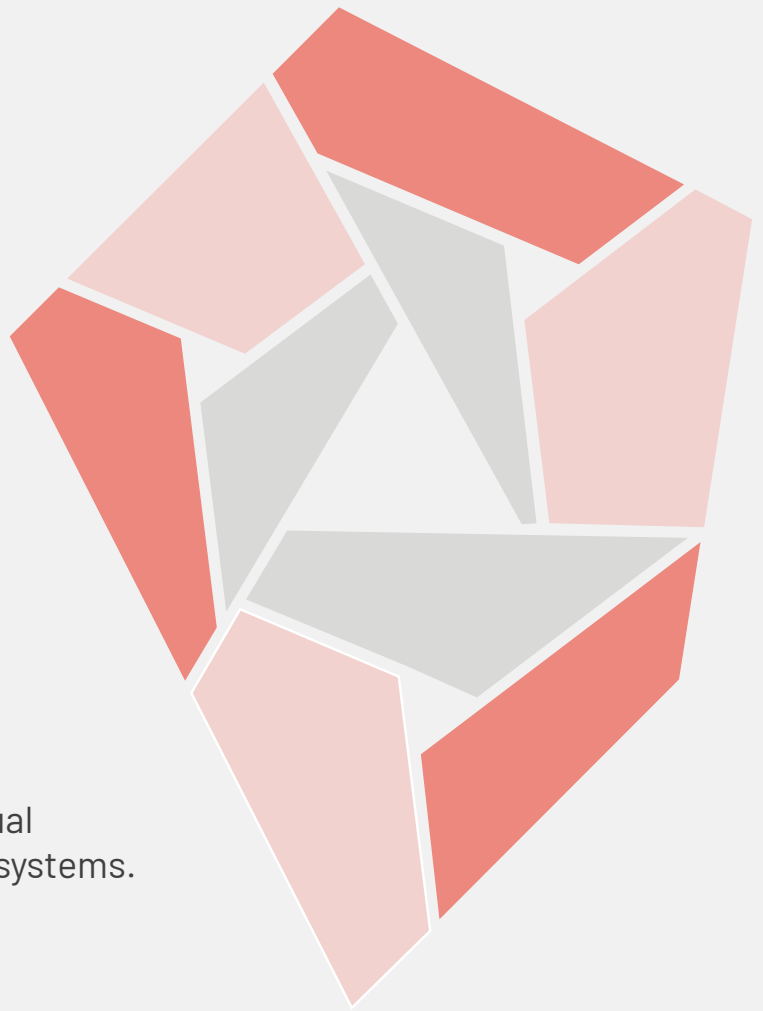


GEN_VMT Penray Collection





GEN_VMT

THE GENERATIVE COLLECTION

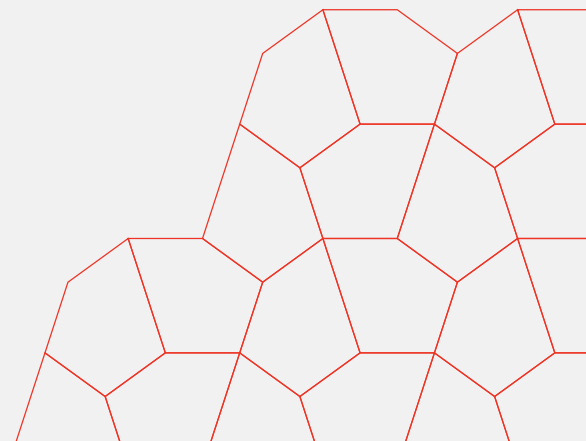
Won the red^{dot} Award 2020
for outstanding design quality

Sustainable acoustic panels with virtual
material technology meet generative systems.



red^{dot} winner 2020

Witness the emergence of an innovative range inspired by the depth of **mathematics, geometry, and biomimicry**, as we delve into the transformative domain of generative design.



CONCEPT

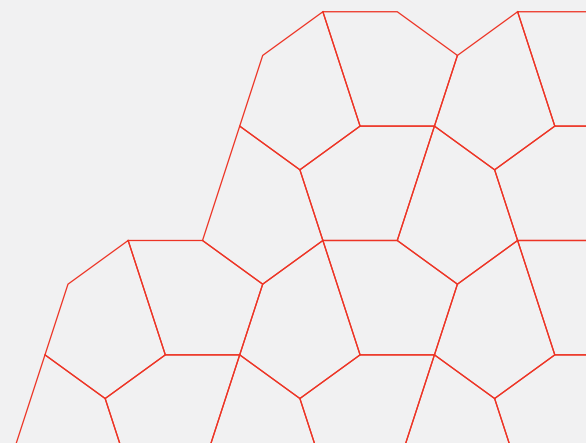
GEN_VMT solutions, crafted from extensive geometric research in the field of pentagonal tiling. Each piece within this collection takes the unique form of a pentagon, setting the stage for endless creative possibilities.

Our exploratory journey led us to uncover a shape grammar that allows for the generation of countless combinations, whether as single modules or double main modules.

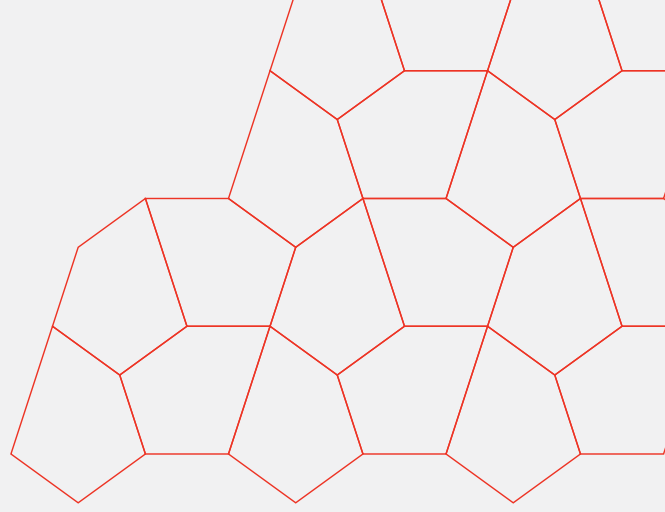
We introduce an additional layer of complexity through the ice-ray recursive pattern, adding depth and intrigue to the design process. The generation of ice-rays is elegantly simple yet remarkably impactful. By bisecting existing Polygonal shapes, we create a dynamic interplay of form and function.

GEOMETRIC AESTHETICS, ACOUSTIC EXCELLENCE

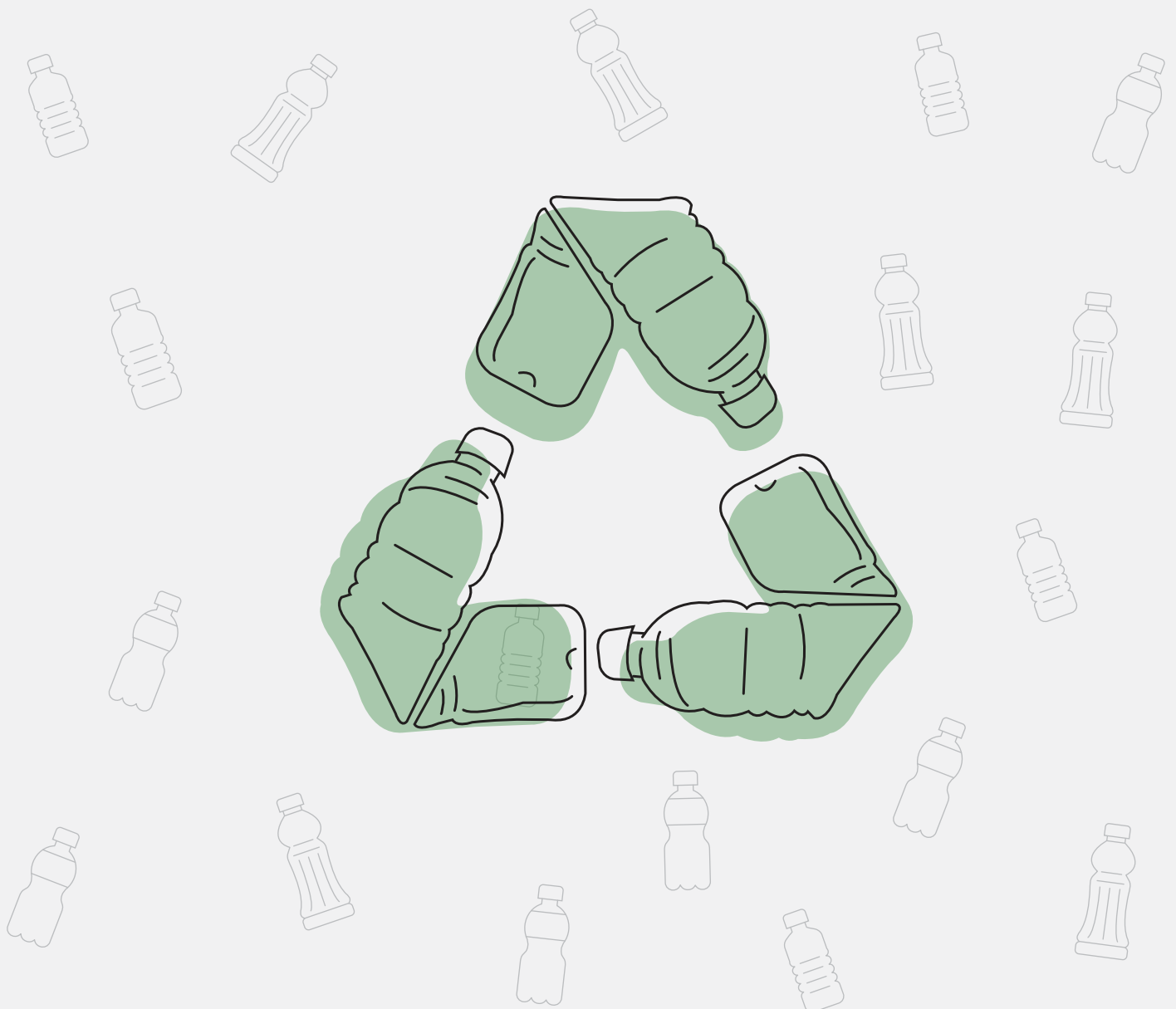
Our variations on this grammar offer a diverse array of profiles, each contributing to a triangular motif that converges towards the center. This creative approach marks a paradigm shift, rooted in generative and performative processes that push the boundaries of design.

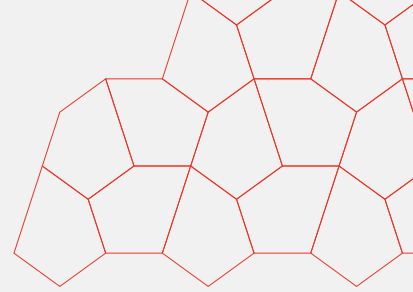


GREEN DESIGN EXCELLENCE



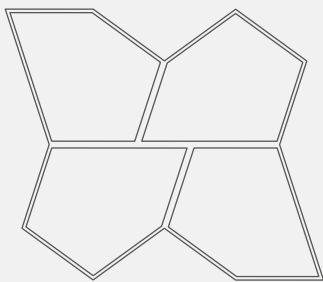
GEN_VMT stands as a testament to sustainability and longevity, offering a seamless integration of functionality and visual appeal. Leveraging a modular approach, it allows for the creation of diverse interior design configurations. The strategic use of color and potential for 3D effects further enhance the versatility of this generative pattern.



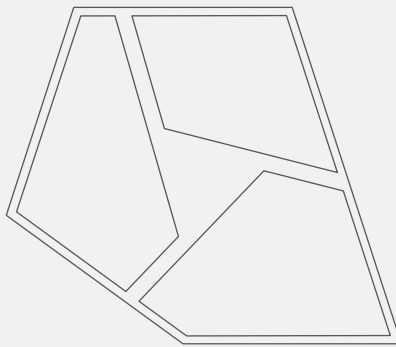


GEN_VMT PENRAY SERIES

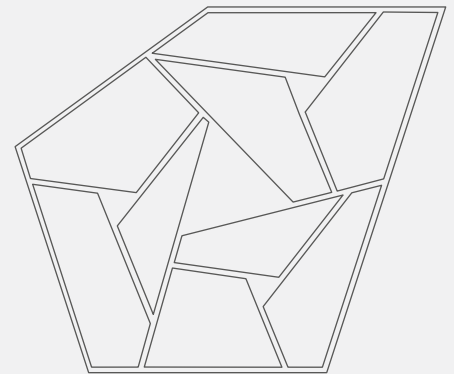
The GEN_VMT Penray series is a Red Dot award-winning line of acoustic panels known for its stylish, generative design. These panels are sustainable and provide effective sound absorption at medium and high frequencies, while their modular, 3D-inspired pattern brings dynamic visual interest to walls and ceilings.



PENRAY 01 TILE



PENRAY 01 PANEL



PENRAY 01 CLOUD

FEATURES:



Lightweight



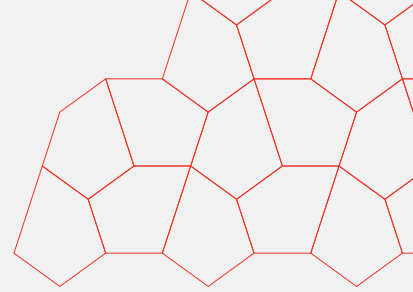
Easy to install



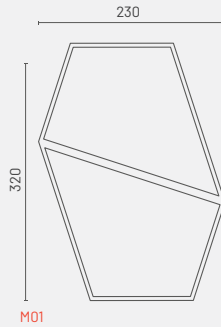
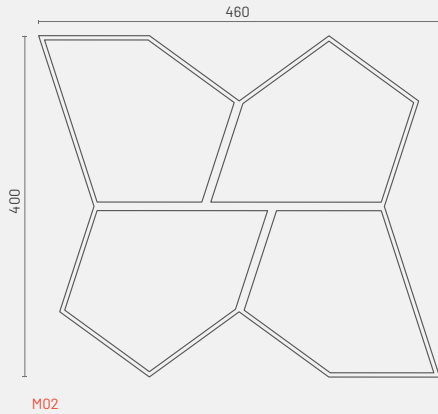
Easy to clean
and maintain



High Performance in
medium and high frequencies



PENRAY 01 Tiles



Single Set, Versatile Configurations

This collection features small tiles comprising two distinct modules, ingeniously designed to interlock and create both regular and irregular grids. Exploring a myriad of colors and combinations, these tiles offer an ideal solution for compact spaces.

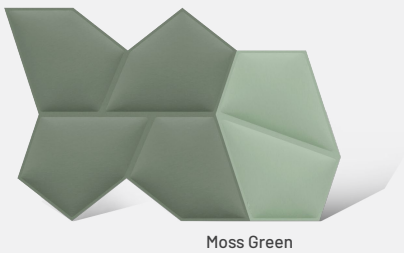
Application: Wall

AVAILABLE FINISHES:

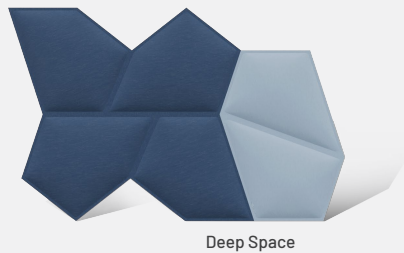
Colors



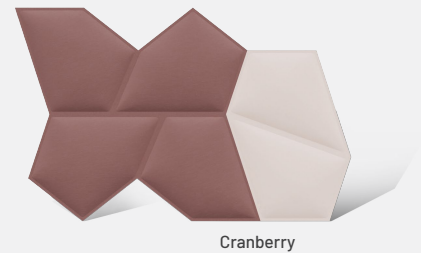
Pattern



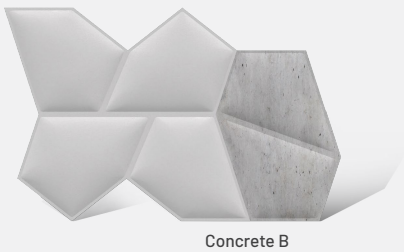
Moss Green



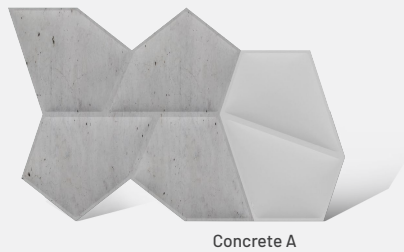
Deep Space



Cranberry



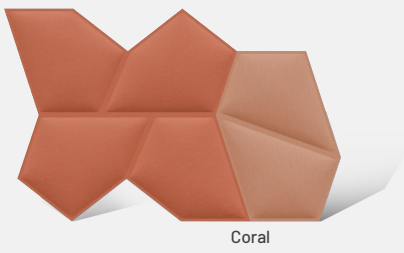
Concrete B



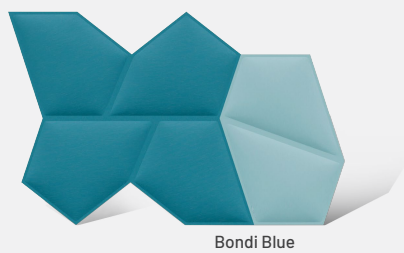
Concrete A



Cocoa



Coral



Bondi Blue

*Color customization available on request subject to MOQ.



TECHNICAL INFORMATION:

Main Info

Dimensions (L x H x W)	Tile 1: 470 x 400 x 12 mm
	Tile 2: 230 x 320 x 20 mm

Packaging Information

Units/Box	12
Box Gross Weight	1.8kg

Installation

Fixation	Silicon Sealant
Place	Wall
Raw Material	Pet Wool

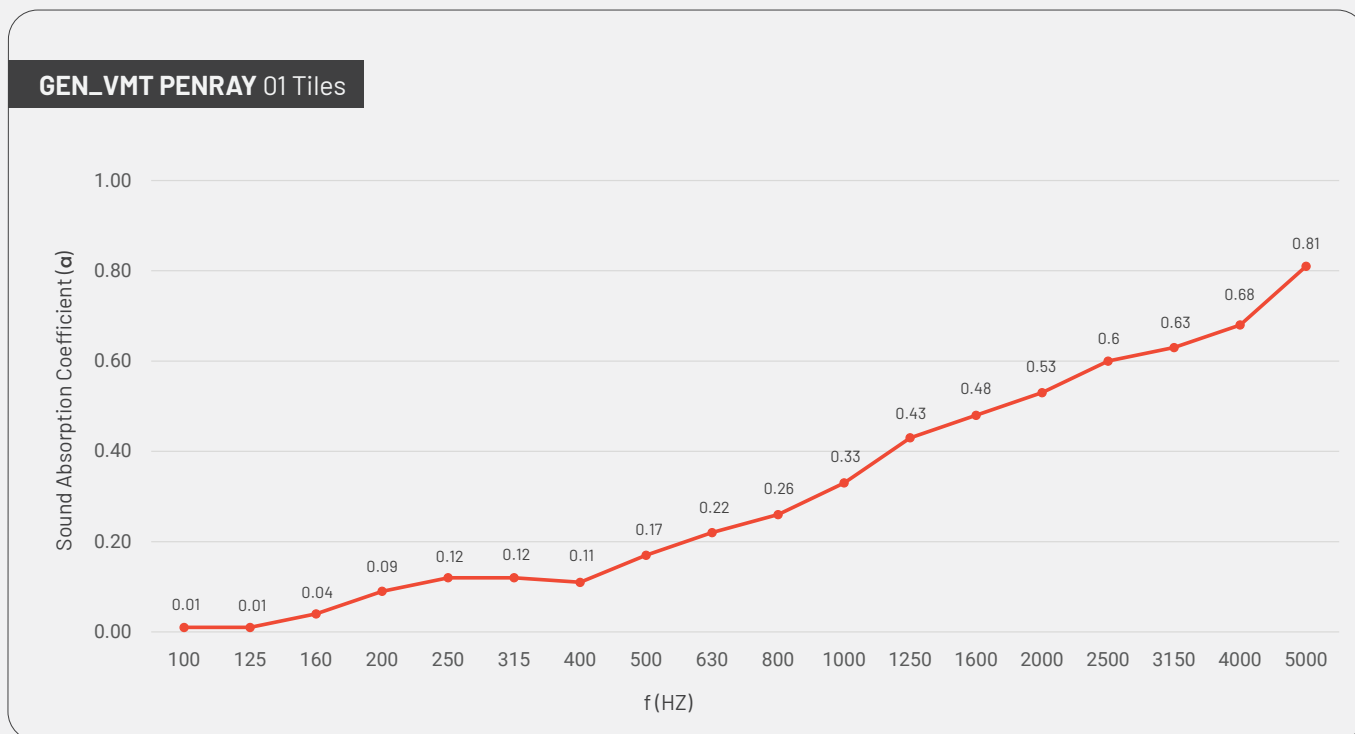
Performance

Functionality	Absorption
Absorption Frequency Range	Medium and High Frequencies
NRC	0.30

Fire Compliance

ASTM-E84 Class A | BS 476 Part 6 & 7 Class 1 | EN-13501 Part 1 C, s2, d0

ACOUSTIC PERFORMANCE:



Disclaimers:

Color combinations are available upon request, subject to minimum order quantity (MOQ).

Please note that the dimensions of these panels have a tolerance of +/- 2mm.

Do not apply these panels behind radiators or too close to a heat source.

A slight color variation may occur between different batches.

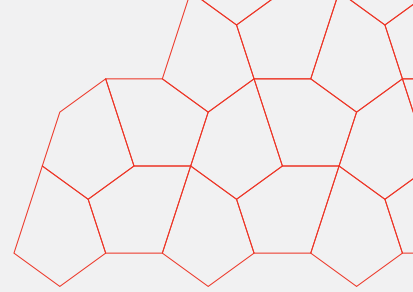
The product images used are illustrative and may differ from the actual product.

GEN_VMT PENRAY 01 Tiles

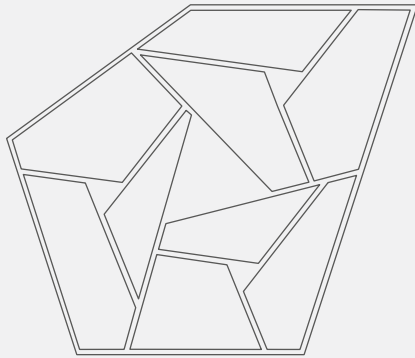


GEN_VMT PENRAY 01 Tiles

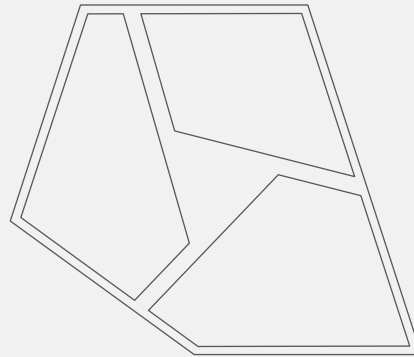




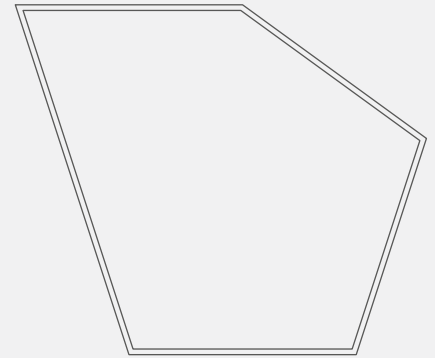
PENRAY 01 Panel



MODULE DENSITY (S)



MODULE DENSITY (M)



MODULE DENSITY (L)

Acoustic Panel from the GEN_VMT Collection

PENRAY 01 Panels, part of the distinguished GEN_VMT collection recognized by the Red Dot Product Design Award 2020, offer an exceptional solution for covering expansive surfaces. Comprising three distinct modules, the possibilities for combinations are truly limitless.

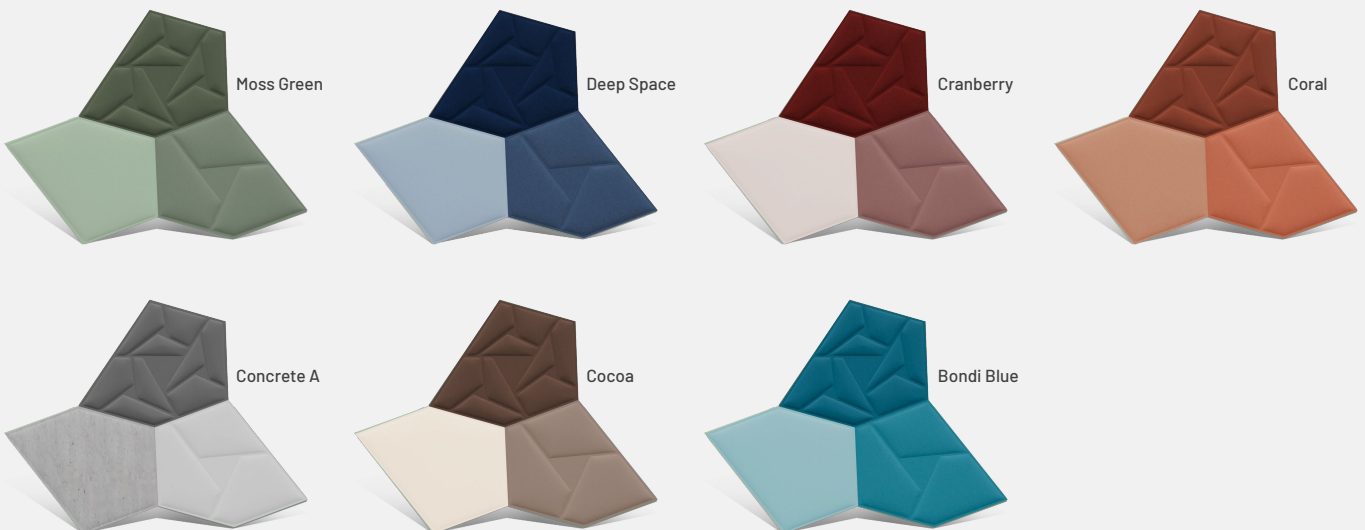
Application: Wall

AVAILABLE FINISHES:

Colors



Pattern



*Color customization available on request subject to MOQ.



TECHNICAL INFORMATION:

Main Info

Dimensions (L x H x W)	600 x 705 x 20mm
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Installation

Fixation	Silicon Sealant
Place	Wall
Raw Material	Pet Wool

Packaging Information

Units/Box	6
Box Gross Weight	3.05 kg

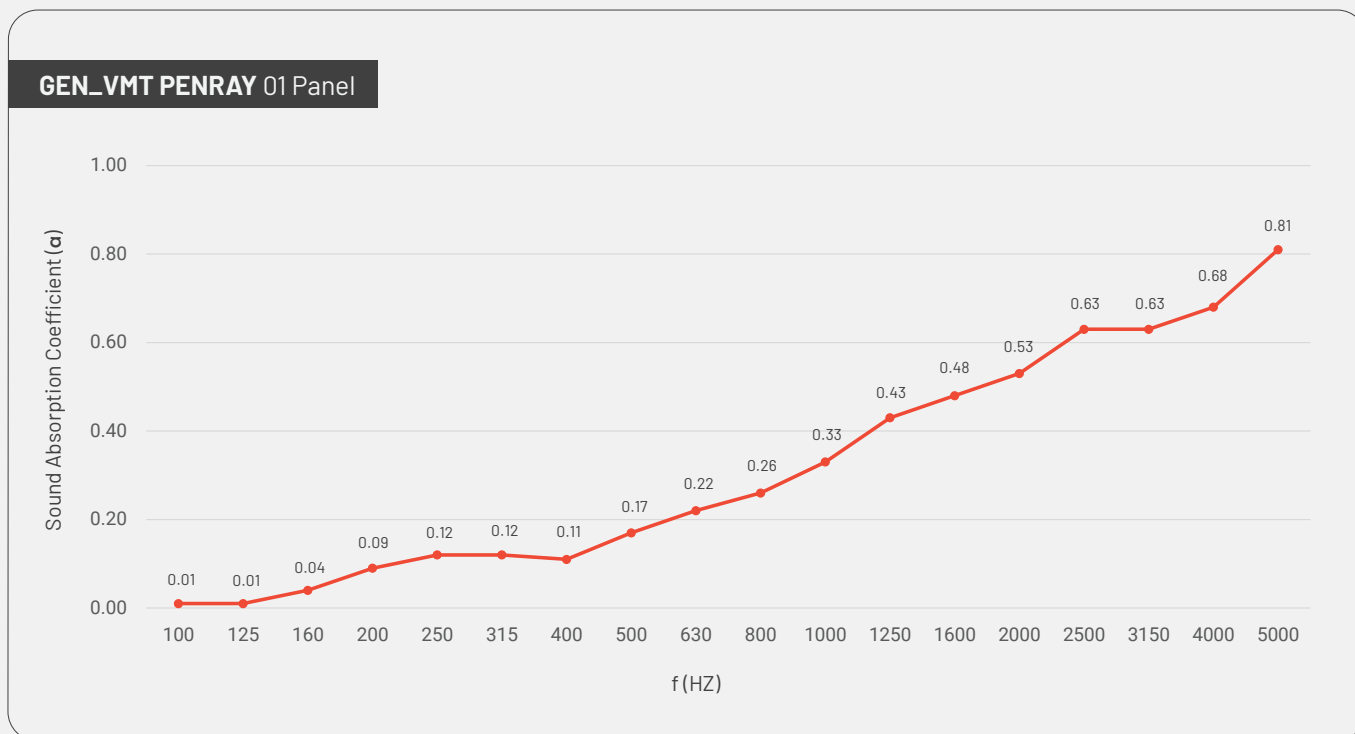
Performance

Functionality	Absorption
Absorption Frequency Range	Medium and High Frequencies
NRC	0.30

Fire Compliance

ASTM-E84 Class A | BS 476 Part 6 & 7 Class 1 | EN-13501 Part 1 C, s2, d0

ACOUSTIC PERFORMANCE:



Disclaimers:

Color combinations are available upon request, subject to minimum order quantity (MOQ).

Please note that the dimensions of these panels have a tolerance of +/- 2mm.

Do not apply these panels behind radiators or too close to a heat source.

A slight color variation may occur between different batches.

The product images used are illustrative and may differ from the actual product.

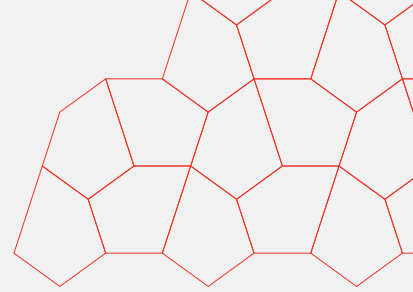


GEN_VMT PENRAY 01 Panel

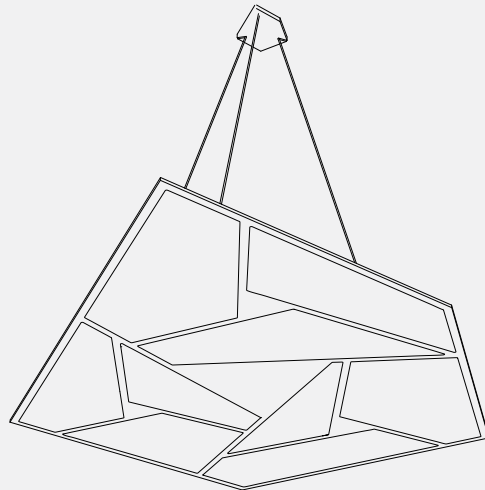
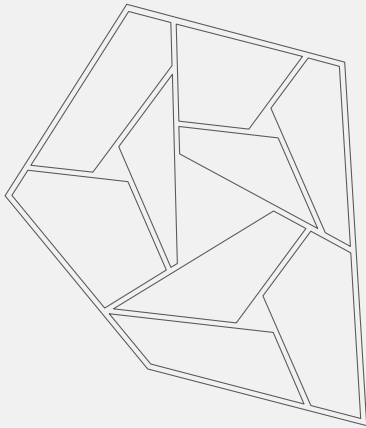


GEN_VMT PENRAY 01 Panel





PENRAY 01 Cloud



An acoustic cloud that transcends traditional concepts. As the inaugural cloud set from the esteemed GEN_VMT collection, recipient of the Red Dot Product Design Award 2020, PENRAY 01 Cloud sets a new standard. Sustainable and exceptionally durable, it effectively minimizes excess noise across diverse environments, elevating interior design within architectural projects. Moreover, as a suspended acoustic element, it boasts twice the exposed absorbing material area compared to conventional acoustic panels.

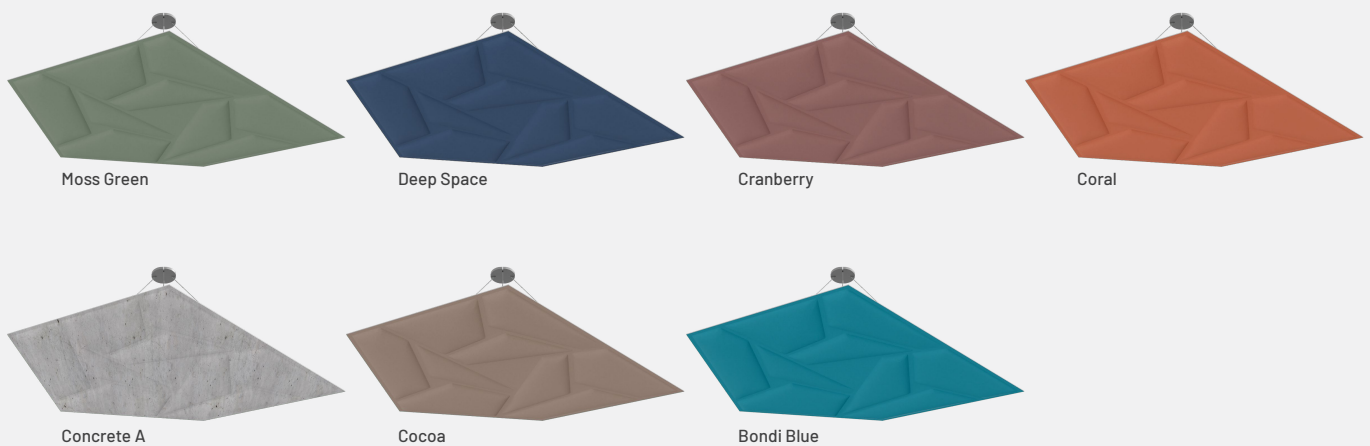
Application: Ceiling

AVAILABLE FINISHES:

Colors



Pattern



*Color customization available on request subject to MOQ.



TECHNICAL INFORMATION:

Main Info

Dimensions	1187 x 949 x 40 mm
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Installation

Fixation	Mechanical suspended fixation
Place	Ceiling
Raw Material	Pet Wool, with lacquered steel sheet structure

Packaging Information

Units/Box	1
Box Gross Weight	4.75 kg

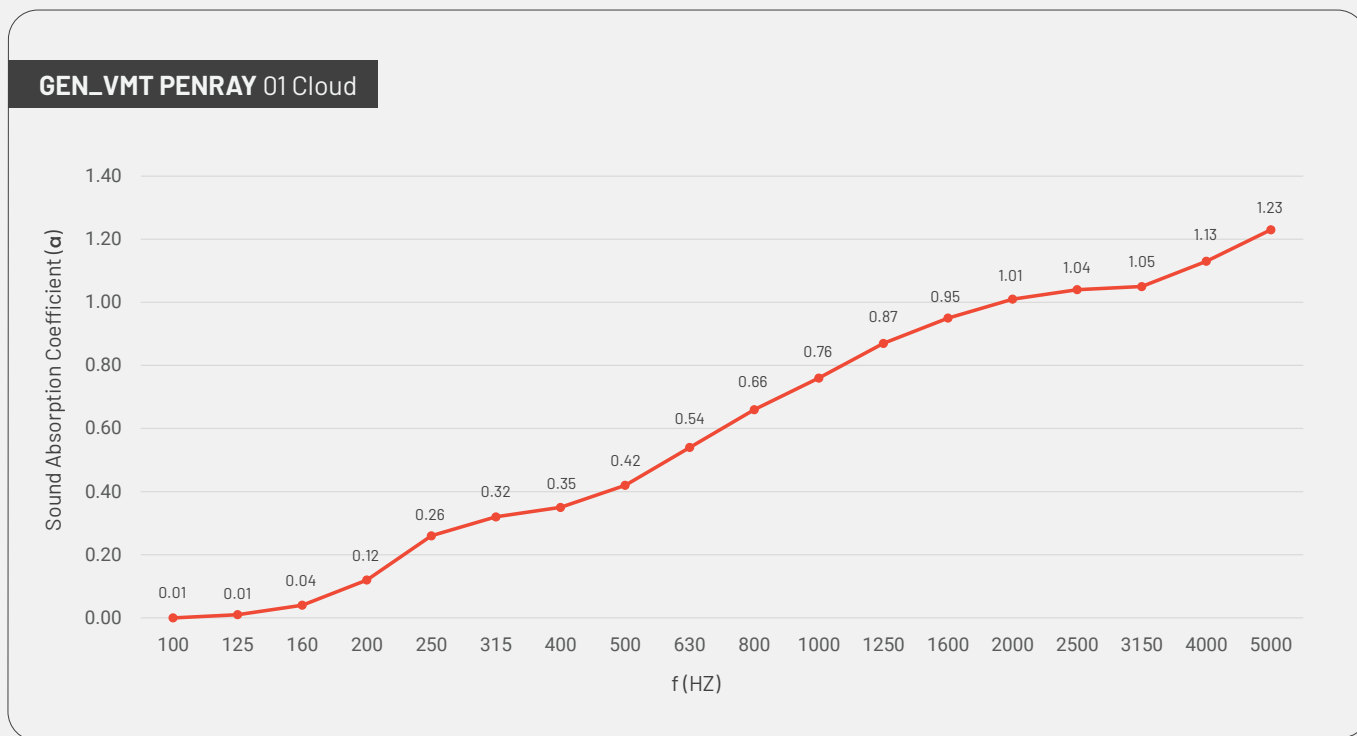
Performance

Functionality	Absorption
Absorption Frequency Range	Medium and High Frequencies

Fire Compliance

ASTM-E84 Class A | BS 476 Part 6 & 7 Class 1 | EN-13501 Part 1 C, s2, d0

ACOUSTIC PERFORMANCE:



Disclaimers:

Color combinations are available upon request, subject to minimum order quantity (MOQ).

Please note that the dimensions of these panels have a tolerance of +/- 2mm.

Do not apply these panels behind radiators or too close to a heat source.

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The product images used are illustrative and may differ from the actual product.



GEN_VMT PENRAY 01 Cloud

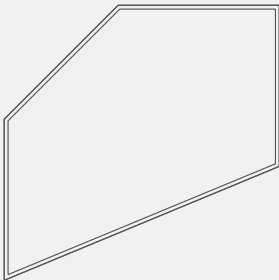


GEN_VMT PENRAY 01 Cloud

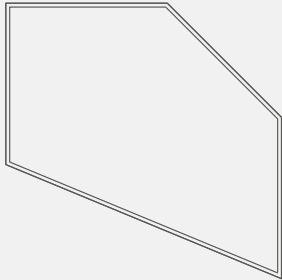




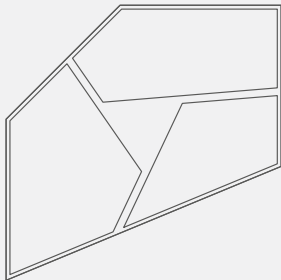
PENRAY 02 Tiles



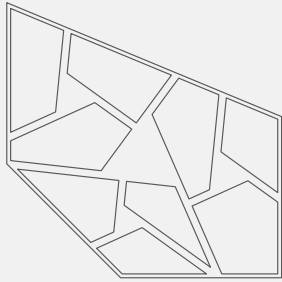
PENRAY 02 TILE TYPE A



PENRAY 02 TILE TYPE B



PENRAY 02 TILE TYPE C



PENRAY 02 TILE TYPE D

Presented in four distinct shapes, these tiles offer a customizable experience, allowing individuals to combine them according to their preferences. Derived from extensive geometric research in pentagonal tiling, each tile takes the form of a pentagon.

Our explorations led us to discover a shape grammar enabling the generation of limitless combinations of single or double main shapes. Furthermore, the strategic use of color enhances the potential of this generative pattern.

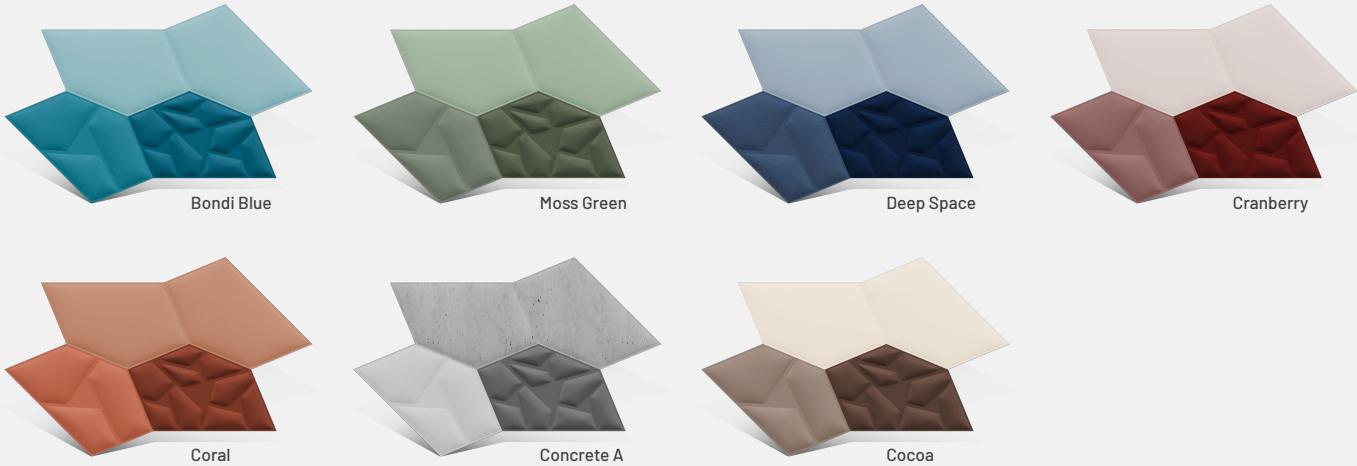
Application: Wall

AVAILABLE FINISHES:

Colors



Pattern



*Color customization available on request subject to MOQ.



TECHNICAL INFORMATION:

Main Info

Dimensions (L x H x W)	355 x 355 x 20 mm
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Installation

Fixation	Silicon Sealant
Place	Wall
Raw Material	PET Wool

Packaging Information

Units/Box	12
Box Gross Weight	1.9 kg
NRC	0.30

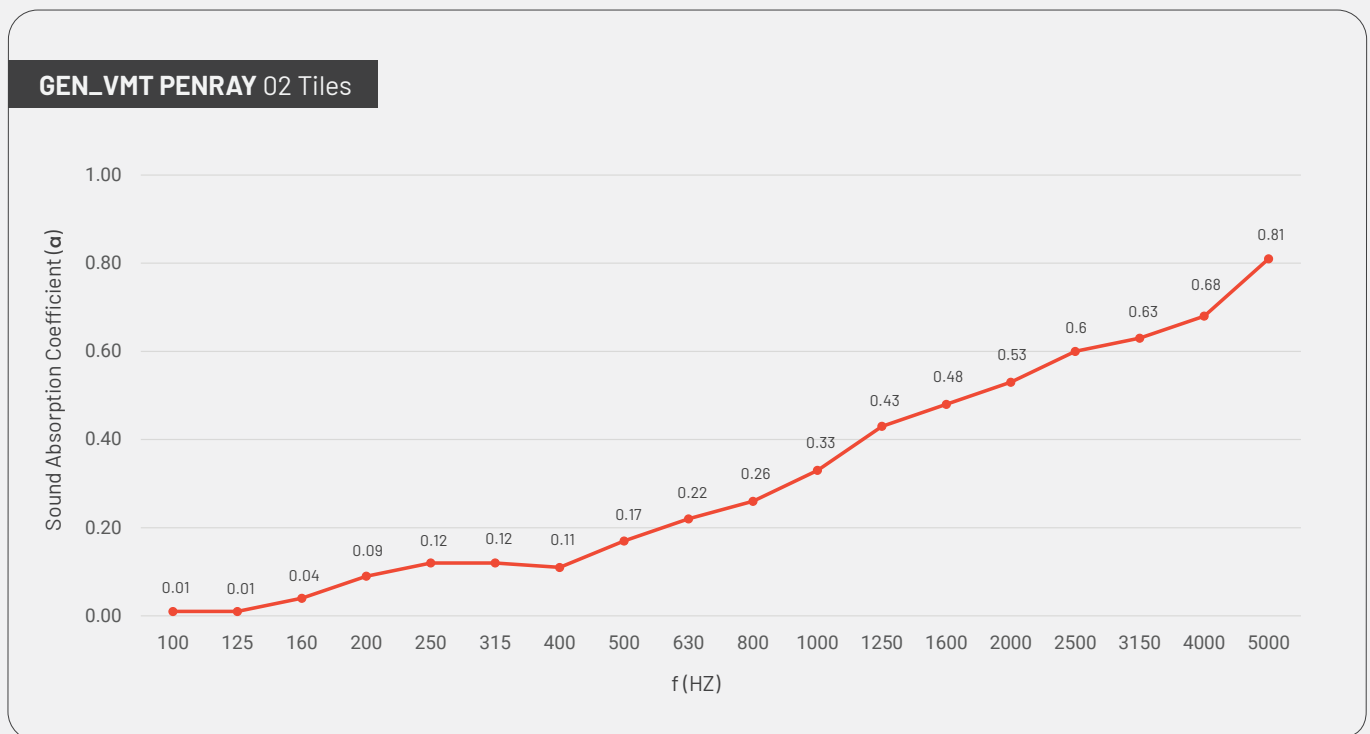
Performance

Functionality	Absorption
Absorption Frequency Range	Medium and High Frequencies

Fire Compliance

ASTM-E84 Class A | BS 476 Part 6 & 7 Class 1 | EN-13501 Part 1 C, s2, d0

ACOUSTIC PERFORMANCE:



Disclaimers:

Color combinations are available upon request, subject to minimum order quantity (MOQ).

Please note that the dimensions of these panels have a tolerance of +/- 2mm.

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GEN_VMT PENRAY 02 Tiles



GEN_VMT PENRAY 02 Tiles

