ecoustic Sculpt™ Ceiling Tile Collection
Design by Philip Adams
<table>
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<tr>
<th>Colorways</th>
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Specifications

ecoSonic Sculpt™:

ecoSonic Sculpt™ ceiling tiles are designs created in profiles from Unika Vaev’s ecoSonic® Solid Color PET panels that are both acoustic and fire rated. The ecoSonic® Solid Color PET panels achieve a 0.85 NRC rating when installed with an 8” air gap.

ecoSonic Sculpt™ also provides a quick and easy installation ceiling tile system for use with suspended ceiling grids of both 9/16” and 15/16” grid sizes, in 4’ x 2’ and 2’ x 2’ format.

*Ceiling Grid type, (9/16” or 15/16”), must be specified at time of order. Tiles are custom produced to match grid type.

Acoustic Options:

All ecoSonic Sculpt™ tiles are supplied standard with sound screen mesh as part of the finished solution. This fabric enhances the acoustic performance of the tile and has been specifically designed to compliment the full range of ecoSonic® ceiling and wall tile systems.

ecoSonic Sculpt™ can also be supplied with an acoustic infill to significantly improve the low-frequency absorption and at the same time will replace the need for further bulky insulation.

Sculpt System Benefits:

- Sculpt™ tiles are either 4’ x 2’ or 2’ x 2’ in size. Please consult actual product design for size availability.
- Custom profiles possible (design guidelines are available upon request)
- All Sculpt™ Tile profiles are available in 11 Solid Color finishes.
- Simple and efficient installation process of assembled tiles.
- Tiles can be installed easily into existing or new ceiling grids.
- Installed tiles can be easily removed (for example to gain access to services).
- 2’ x 2’ Ceiling tiles can be arranged in linear or checkerboard orientation.
- Lightweight; approximately 6.6 lbs or less for 4’ x 2’ tiles and 3.3 lbs or less for 2’ x 2’ tiles.

Packaging:

Sculpt™ Tiles are supplied in box quantities as follows:

- 2’ x 2’: (8) ecoSonic Sculpt™ Ceiling Tiles per box.
- 4’ x 2’: (4) ecoSonic Sculpt™ Ceiling Tiles per box.
The suspended profiles created in lightweight acoustic® PET intensify the diffusion of sound waves. The result is a beautiful ceiling tile design which achieves a high-level of acoustic performance by virtue of its shape and construction, and combination of Unika Vaev’s ecoustic® Solid Color panels, sound mesh, and optional high-performance acoustic infill.

**Composition**

100% PET panels + black aluminum suspension rails

**Dimensions**

47 1/16" x 23 7/16" or 23 7/16" x 23 7/16" (1195 x 595mm) or (595 x 595mm)

**Fire Ratings**

ASTM E84 Class A, AS/NZS 1530.3, & AS/ISO 9705 - Group 1

**Acoustic**

NRC: 0.75 or 0.9 with use of infill

**Additional Information:**

ecoustic Sculpt™ 4’ x 2’ profiles incorporate small notches at panel ends which partially conceal the ceiling grid.

ecoustic Sculpt™ 2’ x 2’ profiles rest within the ceiling grid which reveals the grid and allows this tile to be rotated into a checkerboard pattern if desired.

**Custom Tiles:**

The exposed 3 7/10" of the panel profiles can be sculpted to meet the shape desired by the system user (designer or specifier) if required. Motifs or specific shapes relevant to an interior design scheme can be cut into the ecoustic Sculpt™ Classic panels prior to delivery via modification of a cad file. For more information regarding custom design please contact your local ecoustic Sculpt™ supplier.
ecoustic Sculpt™ Ceiling Tile - Classic

This ‘Classic’ design of 10 equal spaced, equal depth, straight panel profiles forms the foundation of the ecoustic Sculpt™ system. The depth of each of the 10 profiles measures 4 ½" for Classic ‘Deep’ and 2 ³⁄₈" for Classic ‘Shallow’. Both the 4’ x 2’, and 2’ x 2’ format panel tile sizes are suspended in conjunction with structural aluminum rails, allowing the tile to rest in common suspended ceiling grid systems. Both tile formats provide equally spaced panel profiles between ceiling grid locations.
ecoustic™ Sculpt Ceiling Tile - Cove

doustic Sculpt™ Cove is a striking acoustic ceiling tile from the award-winning ecoustic Sculpt™ system. ecoustic Sculpt™ Cove was designed by Seda Camgoz from Large Arts, and is based on simple geometry that encourages your eyes to look towards the sky. Alternating the tile orientation will create a highly-contrasting checkerboard look.
ecoustic Sculpt™ Ceiling Tile - Diamond

The design of ecoustic Sculpt™ Diamond takes its inspiration from the carved facade of precious gems. The shallow spherical cuts from each corner produce an elegant raised diamond shape in the center of the tile. Small defined peaks and troughs become more apparent when the tiles are installed in an array together, bringing a three dimensional topography to a linear ceiling. When installed in either a mirrored array or where every second tile is rotated 90°, the shallow dips align to create full circles.
Icon derives its shape from the outline of a city skyline with hollow profiles created in lightweight acoustic PET to intensify the diffusion of sound waves within hollow forms. The result is a beautiful ceiling tile design which achieves high-level acoustic performance by virtue of its shape and construction, along with the use of Unika Vaev's ecoustic® Solid Color panels and acoustic fabric backing. Sculpt™ Icon was created in the interest of rational, sustainable design where form follows function.

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ecoustic Sculpt™ Ceiling Tile - Network deep & shallow

Both the deep and shallow Network designs use intersections of perpendicular blade profiles to form a visual topography of cubic structures capable of fitting any common grid system. The result is a beautiful ceiling tile design which achieves a high-level of acoustic performance. Network is available in two profile depth options; 5 ½" for the deep, and 2 4/5" for the shallow. Both options achieve high-level acoustic performance within an unobtrusive tile design.
**ecoustic Sculpt™ Ceiling Tile - Peak**

The design of ecoustic Sculpt™ Peak is inspired by the sculptural forms synonymous with architect, Santiago Calatrava. As a collection of triangular blades, the peaks of the 10 profiles transition between each end of the tile to create visual movement via shape and shadow. Collections of Sculpt™ Peak tiles can be further articulated by the reverse assembly sequence of adjacent tiles in order to create 'chevron' and 'diamond' formations. ecoustic Sculpt™ Peak is available in both 4' x 2' and 2' x 2' profile sizes.

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ecoustic Sculpt™ Ceiling Tile - Quadrant

The ecoustic Sculpt™ Quadrant tile was influenced by repetitive, organic patterns. The quadrant motif produced by the curves on each corner present a playful pattern and forms visual links between neighboring tiles. When installed in a mirrored array, these quadrants align to create full circles. The symmetrical circle pattern can be altered to create nomadic and wandering lines by rotating every second tile 90° to break the circle loop.
**ecoustic Sculpt™ Ceiling Tile - Ridge**

Ridge derives its shape from the wind blown patterns of desert sand. Each of the profiles are cut with a smooth curve that moves outward to opposing corners of the tile. Each curve continues to flow into the neighboring tile, which evokes a sense of movement through the ceiling space. When Sculpt™ Ridge is installed in a mirrored array with multiple Ridge tiles next to one another, the shallow corners align to create larger circular motifs. Ridge is available in both 4' x 2' and 2' x 2' profile sizes.
ecoustic Sculpt™ Ceiling Tile - Steps

d Acoustic Sculpt™ Steps profiles are composed of simple rectangular forms which are based on the Sculpt™ Classic format. The profiles of the Steps tile are modified in depth at regular increments which range from shallow to relatively deep. Step profiles are located at equally spaced intervals. When installed as a collection of tiles, the Step profiles create a wave pattern intended to visually current across the ceiling plane. Steps is available in both 4’ x 2’ and 2’ x 2’ profile sizes.
ecoustic Sculpt™ Ceiling Tile - Taper

designed by Seda Camgoz from Large Arts, Sculpt™ Taper features reverse profiles that come together to form a strong leading focal point. Both the 4’ x 2’, and 2’ x 2’ format panel tile sizes are suspended in conjunction with structural aluminum rails, allowing the tile to rest in common suspended ceiling grid systems.

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ecoustic Sculpt™ Ceiling Tile - Tide

The Sculpt™ Tide tile takes its inspiration from soft ripples of water dispersing outwards. When installed in a mirrored configuration, the gentle arcs produced by each individual tile combine to form one entire circular ripple with a shallow center. When four tiles are mirrored with symmetry, large circular patterns can be formed. When two tiles are mirrored and offset to the previous row, a fish scale pattern is produced as semi-circles are clustered against each other.
Ecoustic Sculpt™ Ceiling Tile - Zig

Ecoustic Sculpt™ Zig is a custom design, created by Seda Camgoz from design consultancy, LargeArts. Ecoustic Sculpt™ Zig creates a strong illusion and geometric elements that lead the eyes through the entire ceiling. Sculpt™ Zig can be rotated to create a powerful checkerboard orientation design.
ecoustic Sculpt™ Ceiling Tile - Custom

An integral part of the ecoustic Sculpt™ system is that architects and interior designers can create their own custom designs for an interior scheme. Custom tiles can be in either 2' x 2' or 4' x 2' format. The fabrication cost of each custom tile is heavily influenced by the complexity and duration of the profile cutting process.
## Tile Arrangements - 2' x 2'

<table>
<thead>
<tr>
<th>Classic</th>
<th>Cove</th>
<th>Diamond</th>
<th>Network</th>
</tr>
</thead>
<tbody>
<tr>
<td>Checkerboard</td>
<td>Checkerboard</td>
<td>Checkerboard</td>
<td>Deep - Linear</td>
</tr>
<tr>
<td>Checkerboard 2</td>
<td>Linear</td>
<td>Linear</td>
<td>Shallow - Linear</td>
</tr>
<tr>
<td>Linear</td>
<td>Mirrored</td>
<td>Mirrored + Checkerboard</td>
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</tr>
<tr>
<td>Random</td>
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Tile Arrangements - 4' x 2'

Classic
- Linear

Cove
- Linear
- Mirrored + Linear
- Mirrored by 4

Diamond
- Linear

Icon
- Linear

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Tile Arrangements - 4' x 2'

Ridge
- Mirrored
- Mirrored by 2
- Random

Steps
- Linear
- Linear Variant 1
- Linear Variant 2

Taper
- Linear
- Mirrored

Tide
- Linear
- Mirrored
- Mirrored Variant
Unika Vaev
19 Ohio Avenue
Norwich, CT 06360

P: 800-237-1625
E: customerservice@icfgroup.com
unikavaev.com

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