SoftGrid®
SINE

CEILING BAFFLES

LAST UPDATED 01—2023
INQUIRIES INFO @ NOWN.COM

NOWN
ARKTURA

SIMPLY
ELEVATED

FOLLOW @ NOWN OFFICIAL

YOUTUBE INSTAGRAM FACEBOOK LINKEDIN

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KEY FEATURES

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ACOUSTIC PERFORMANCE

V

PRODUCT LINE

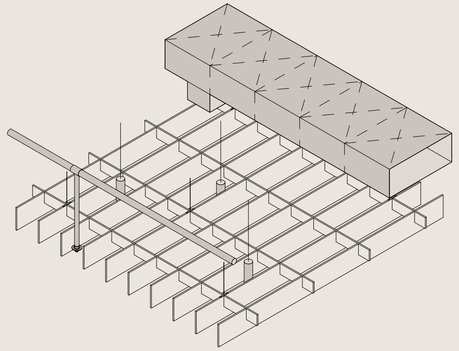
NOWN
ARKTURA

SIMPLY
ELEVATED

(I) KEY FEATURES

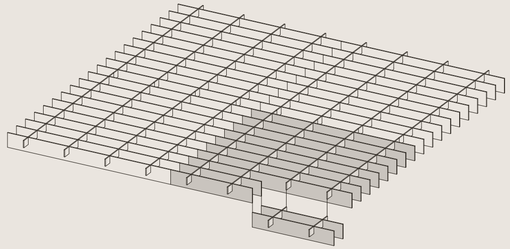
Sine’s acoustic ceiling modules create waves that flow in multiple directions for a truly eye-catching pattern that can either be used individually or connected together in a continuous field.

Add because it’s made of our Soft Sound® material, you can get acoustic control where you need it most.



SoftGrid®’s open grid design makes integrating systems above or below the modules simple and feasible. Easily removable fins and open structure makes accessing lights, HVAC, rigging points, plumbing, AV equipment, and life safety systems easy for your maintenance team.

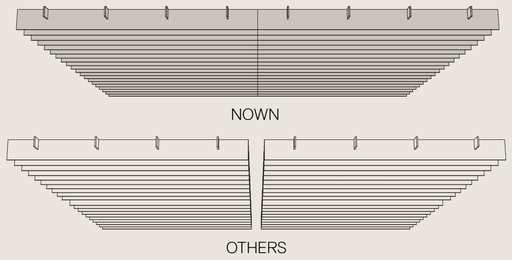
01) Open Plan Accessibility



SoftGrid® modules can be trimmed down to a minimum of four fin intersections. By rearranging our adjustable hangers; we make it easy for you to specify standard modules that can be easily field-modified around anticipated or unforeseen site conditions during install.

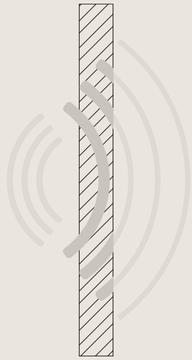
02) Preconfigured Field Trimmable Solutions

(I) KEY FEATURES



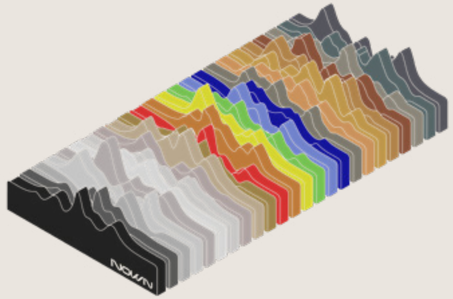
Utilizing a hidden fin to fin alignment system SoftGrid® provides continuity in all directions across your space. In addition our optional hanging points offer a fine tuning capability for installers. Our custom formulated material thickness and density ensures rigidity that limits deflection.

03) Continuous Baffles



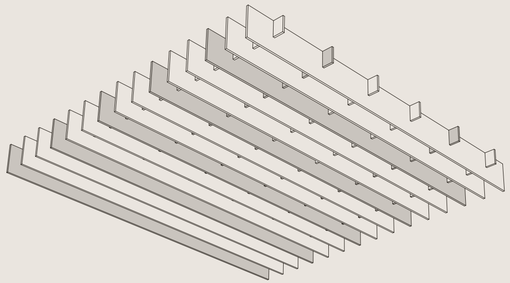
SoftGrid®’s Soft Sound® material reduces the impact of noise from everyday annoyances like ringing, typing, and chatter resulting in a more pleasant and productive environment. SoftGrid®’s material works in concert with the design to help reduce and control reverberations leaving a lasting impression at scales ranging from assembly halls to conference rooms.

04) Reduce Noise & Enhance Acoustics



Choose from a large library of Soft Sound® colors and wood textures. Mix and match colors to accent fins and complement the color scheme of your space.

05) Expansive Soft Sound® Library



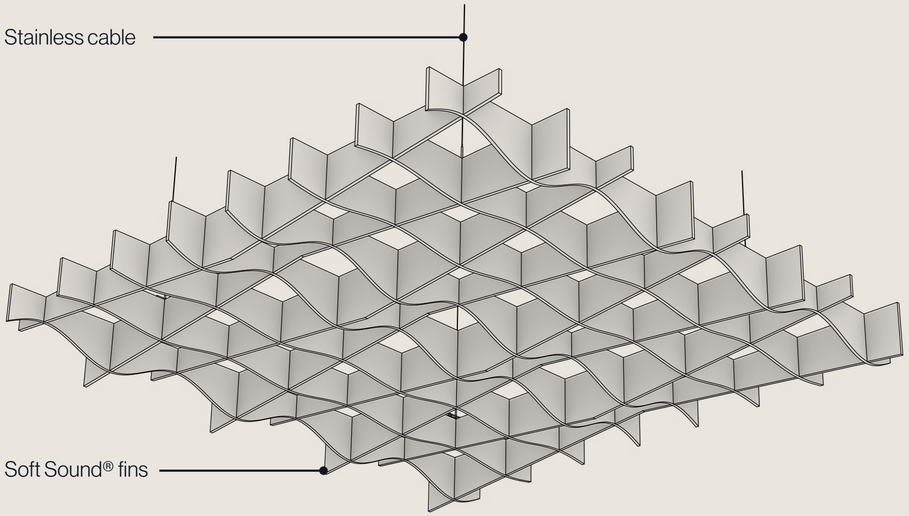
Add new dimensions of style, mix colors and textures in a expanding range of dynamic combinations to fully achieve your design intent. Perfect for incorporating branding or composing a dynamic two-tone transformative field.

06) Duo Capability

Add Texture While Reducing Noise

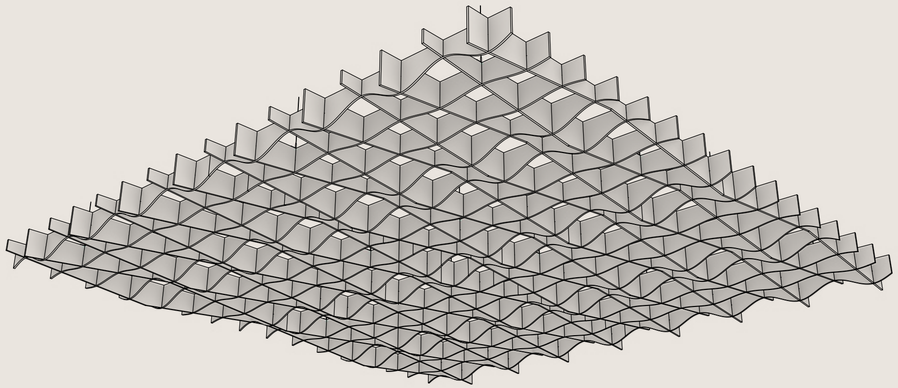
Mix and Match Soft Sound® Colors as an Accent

Create Interesting Lighting Effects



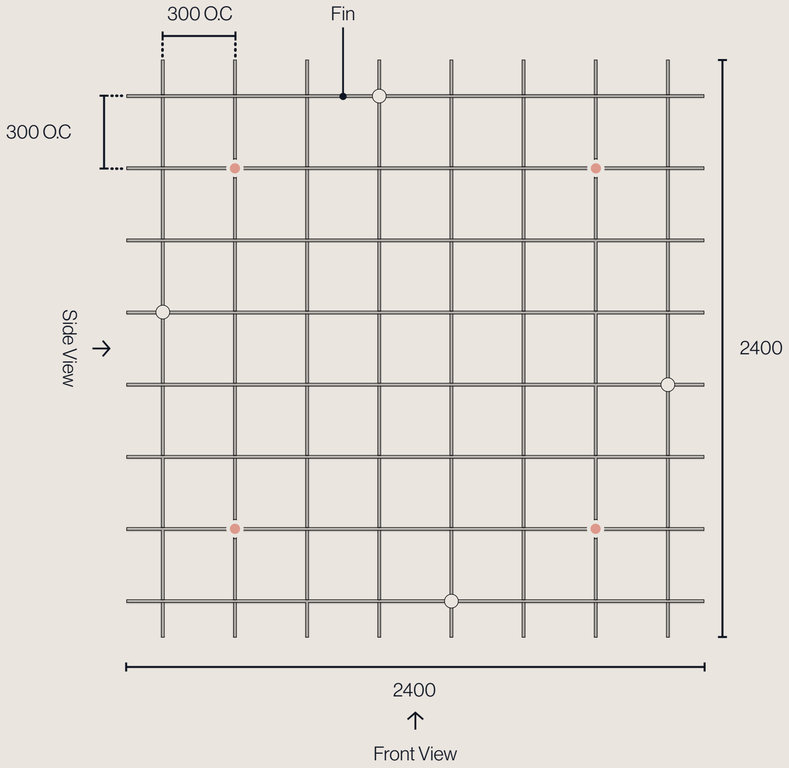
Modules are made from Arktura's lightweight & durable Soft Sound® acoustical material with stainless steel brackets.

01) Standard Module



Modules can be continuously tiled in multiple directions in plan, using the provided connecting brackets.

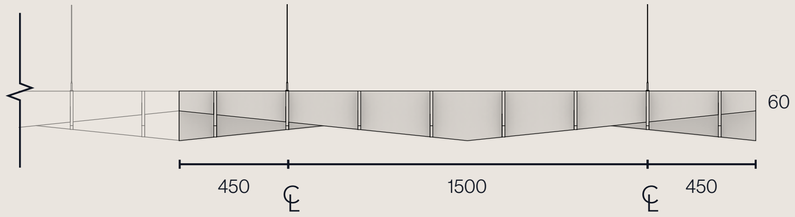
02) Multiple Modules



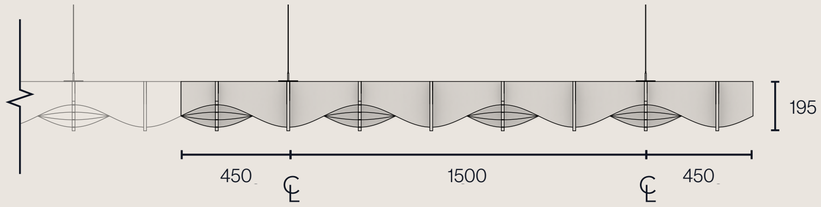
PLAN
92% open in plan.

- Required Hang Point Location
- Optional Hang Point Location

Front View



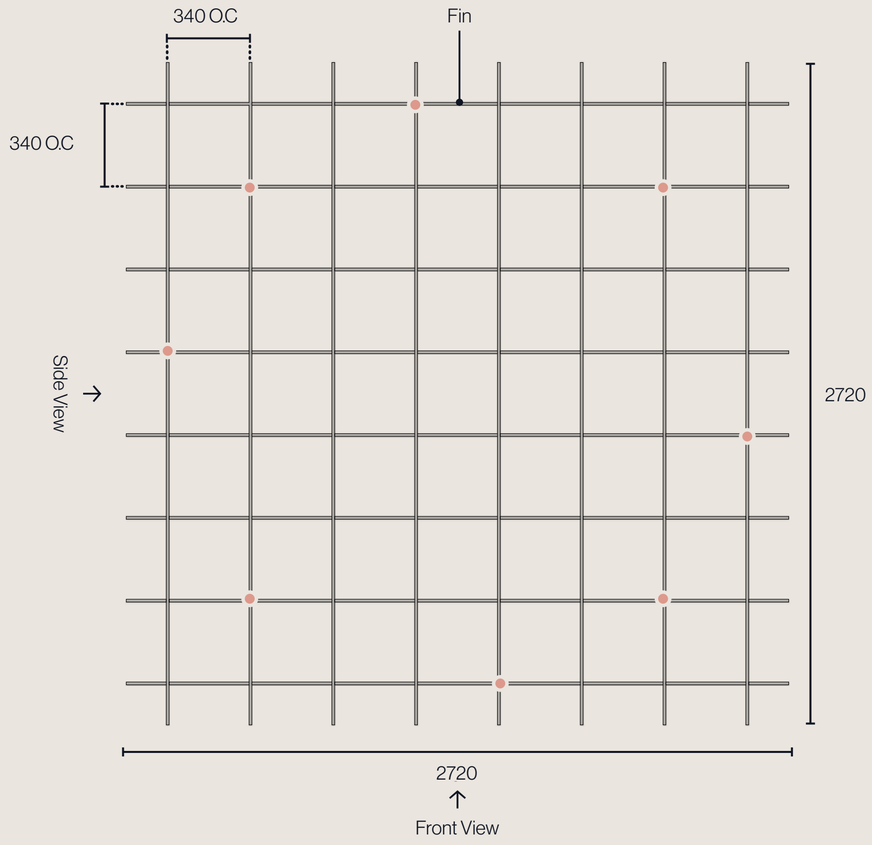
Side View



ELEVATIONS
Fin depth varies from 60mm to 195mm deep.

(i) All dimensions are in mm unless otherwise specified.

Module Boundary



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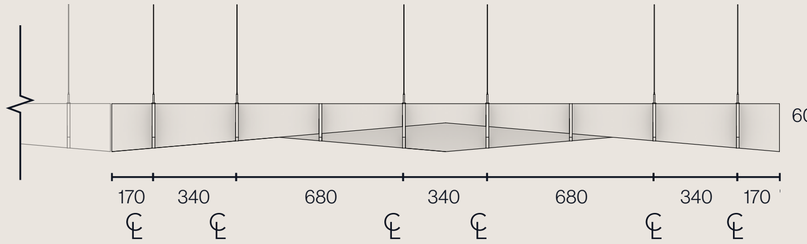
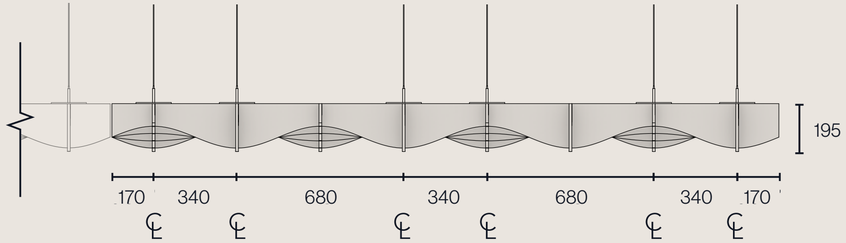


Side View



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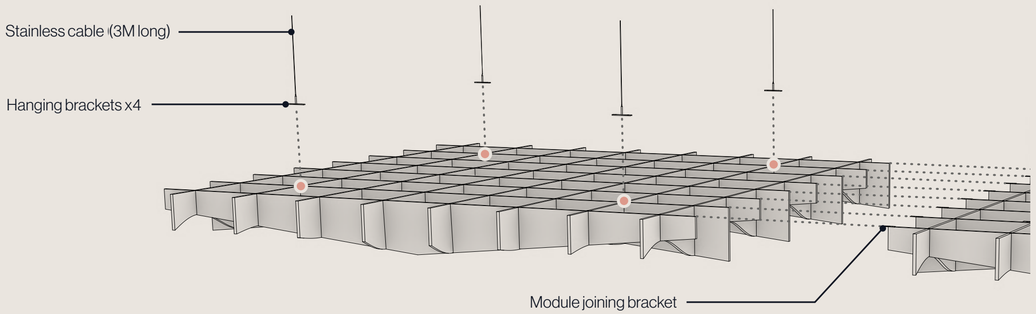
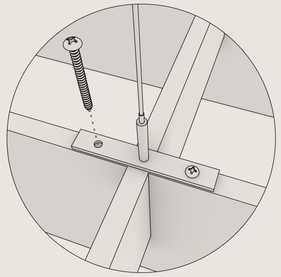
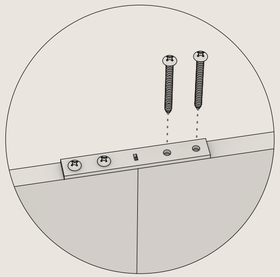


To minimize the visual impact of our hanging system, we provide 1.5 mm stainless cables and a micro quick release wire clamp with hanging brackets at 4 locations.

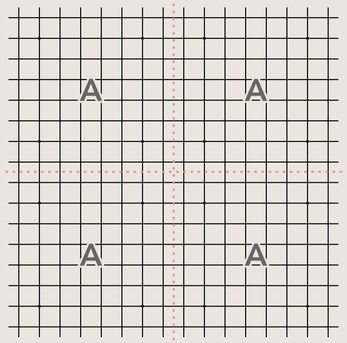


Hanging Bracket Attachment



Module Joining Bracket

Module Configuration



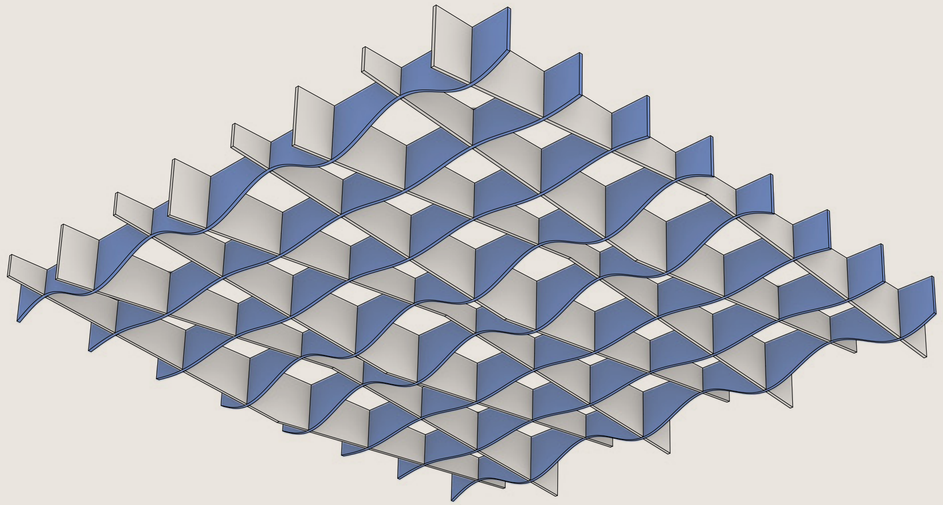
(i) Small circles indicate the core of texture.

As with natural wood, variation in color and grain is expected and grain will not align across panels.

Due to the nature of non-woven materials, light may pass through Soft Sound® in any thickness or color. A translucent appearance is most apparent in lighter colors and thin material when a light source is present behind the material. Arktura makes no claims or warranties about the material performing as opaque in any circumstance. To verify a products performance for light transmittance, a mockup of the specific intended use is recommended.

01) Soft Sound® Color Group A - **STANDARD**

02) Soft Sound® Wood Texture - **PREMIUM**



03) Duo Tone - **OPTIONAL**

(i) Mix and match colors and elevations to add more complexity to your space.

Dimensions (WxLxD)	Sine: 2400 X 2400 X (Min. 60 Max. 195mm)
	Sine MAX: 2720 X 2720 X (Min. 60 Max. 195mm)
Material	12mm Soft Sound® (PET), Stainless Steel
Openness in Plan	Sine: 92% ; Sine Max: 93%
Fire Rating	ASTM E84 - Class A | 13501-1 B-s1, d0
Acoustics	True NRC® (F-100 Method) Sine: 0.6 ; Sine Max: 0.5
Attachment Method	1.5mm Stainless Cable and Hardware
Accessibility	Yes, quick release cables
Trimmability	Yes, per installation manual

Certification for SoftGrid®

Living Building Challenge
Learn more at living-future.org

French Regulations	A+
Italian Regulations	√
M1	M1
BREEAM	√
LEED	√
AgBB/ABG	√

X: Not Compliant
√: Compliant

Our low to no VOC levels comply with the above regulations and certifications.

03) VOC Compliance

cradletocradle®

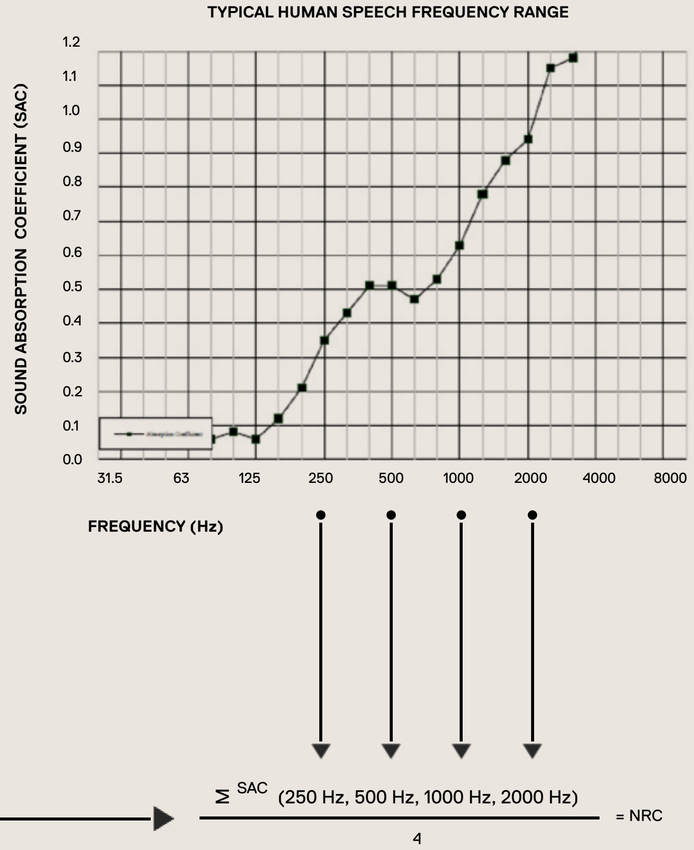
[PENDING]

04) Cradle To Cradle

Each Sine Module is Made from 488 Recycled Water Bottles.

TRUE NRC® is Arktura's commitment to providing accurate and appropiate acoustic data for our products. It represents testing based on realistic conditions for the use of our products.

FREQUENCY (Hz)	Sound Absorption Coefficient (SAC)
80	0.06
100	0.08
125	0.06
160	0.12
200	0.21
250	**0.35**
315	0.43
400	0.51
500	**0.51**
630	0.47
800	0.53
1000	**0.63**
1250	0.78
1600	0.88
2000	**0.94**
2500	1.15
3150	1.18
4000	1.32
5000	1.47



F100 MOUNTING TYPE - CEILING

In this mounting type, the specimen is separated from the horizontal test surface 100mm (3.93") from the back of the module with spacers. Modules were evenly distributed, fins touching, in the 8'x9' testing space, representing a typical layout.

A MOUNTING TYPE - WALL

In this mounting type, the specimen is placed directly on the horizontal test surface. Intended for carpet, wall panels, or any product that will be laid directly on the floor or attached to a wall with adhesive or mechanical fasteners. This mounting type represents the product suspended on a wall.

F150 MOUNTING TYPE (SOFT SOUND® MATERIAL ONLY)

In this mounting type, the specimen is separated from horizontal test surface 150mm (5.90") from the back of the panel with spacers. This is intended to simulate the raw material using spacers or spacing clips.

DEFINITIONS

SOUND ABSORPTION COEFFICIENT describes the fraction of the incident sound energy that a material absorbs. Theoretically it can vary from 0 (no energy absorbed) to 1.0 (perfect absorption with all incident sound energy absorbed.)

NRC (NOISE REDUCTION COEFFICIENT) rating is the average of the sound absorption coefficients at 250, 500, 1000 and 2000 hertz. The average is rounded to the nearest multiple of 0.05.

SAA (SOUND ABSORPTION AVERAGE) rating is the average of the sound absorption coefficients at an octave range of 12 frequencies ranging from 200 to 2500 hertz. The average is rounded to the nearest multiple of 0.01.

True NRC®: 0.60 SAA: 0.62 Test Results for Ceiling spelling with F100 Mounting Type	**ACOUSTIC TESTING ASTM C423**

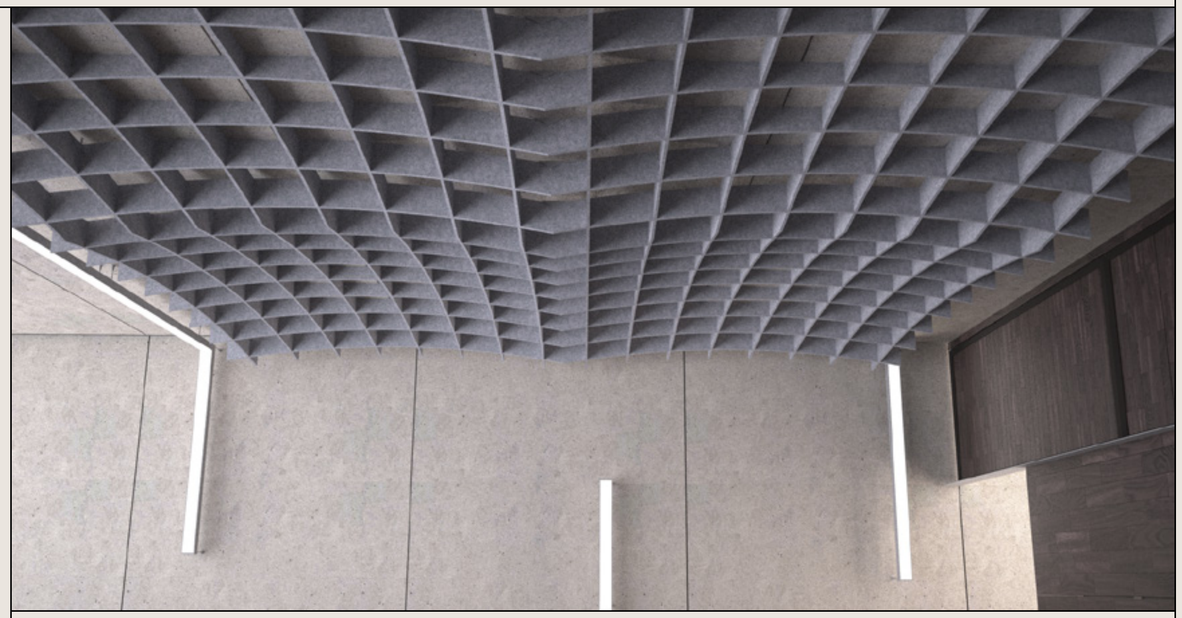
(i) Most popular application is highlighted in black.

(i) Acoustic performance can vary widely based on how a product is mounted. Learn more about acoustic performance and how NRC is calculated at True NRC®. Testing was conducted through Intertek, Lake Forest, CA per ASTM C423.

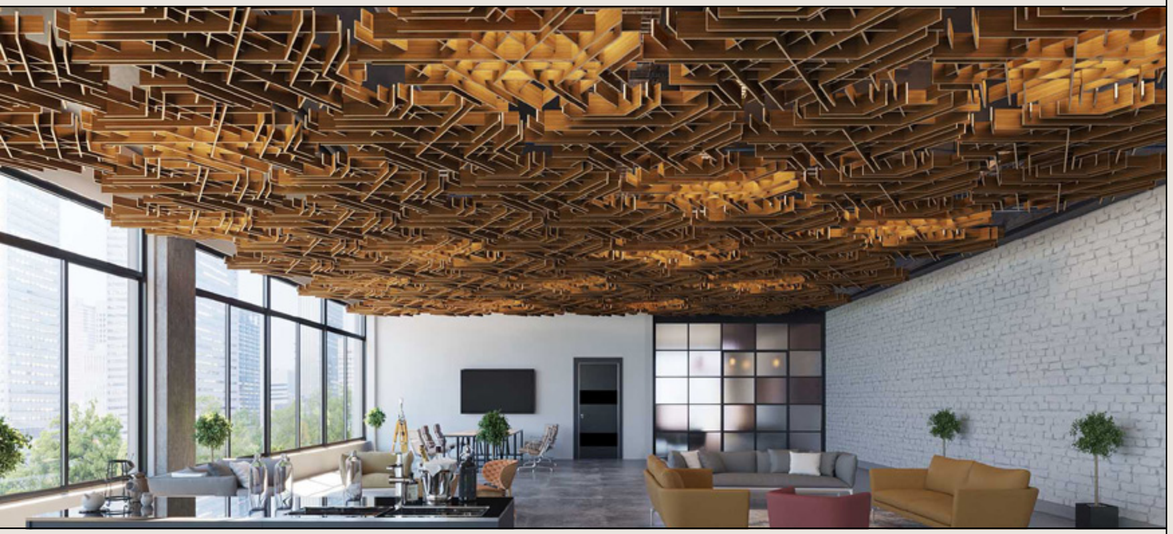
(V) PRODUCT LINE

Multiple shapes, colors, sizes and flavours to shape any architectural interior.

SOFTGRID® DECA



SOFTGRID® DOME



SOFTGRID® FLUX

SOFTGRID® ORBIT

(V) PRODUCT LINE

Multiple shapes, colors, sizes and flavours to shape any architectural interior.

SOFTGRID® ROUND

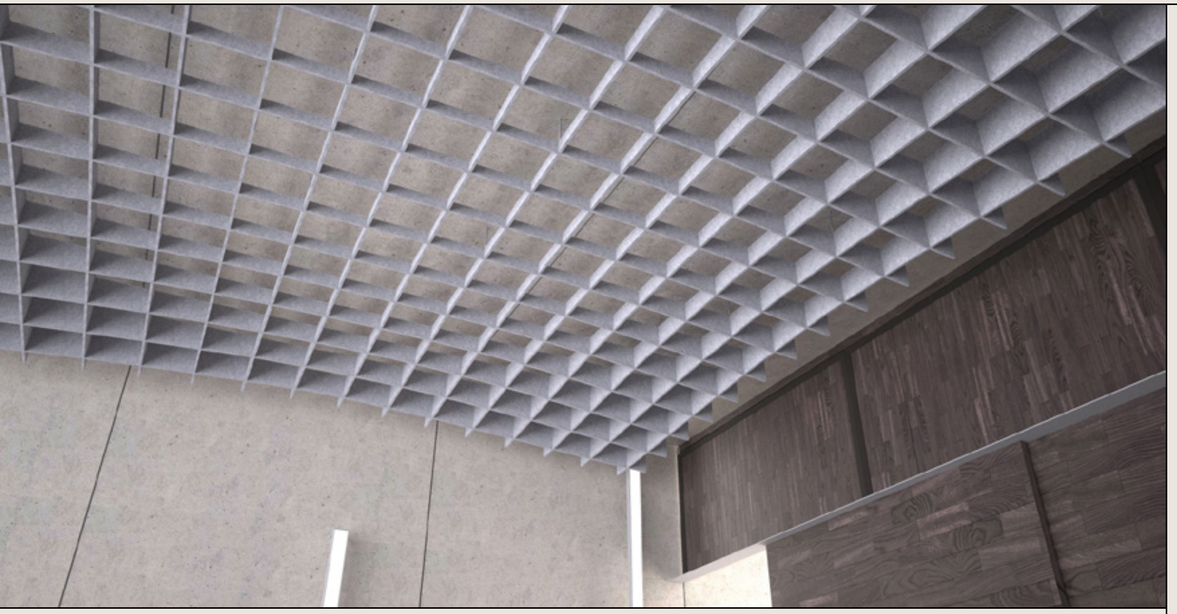
SOFTGRID® SCALE

SOFTGRID® SINE

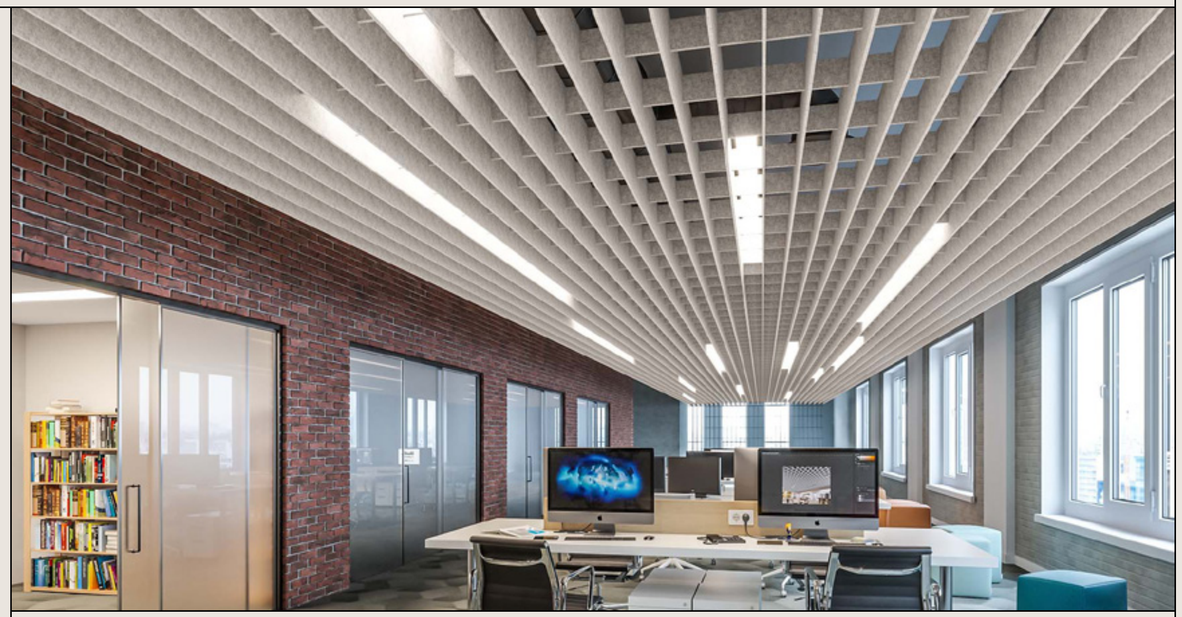
SOFTGRID® SKYLINE

(V) PRODUCT LINE

Multiple shapes, colors, sizes and flavours to shape any architectural interior.



SOFTGRID® SLOPE



SOFTGRID® SQUARE

SOFTGRID® SWITCH

SOFTGRID® WAVE

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