

# ACOUSTIC

## L I G H T I N G

By combining acoustic ceiling panels, modular system, and integrated lighting, create a comfortable and efficient space that enhances both function and style.



## FEATURES



## BENEFITS

Perfect for any setting, whether it's an office, house, cinema, or fitness center, our panels combine great sound and thermal performance. Check out the features and benefits listed below to see how they can enhance your space with both style and functionality.



DO NOT CAUSE IRRITATION TO SKIN



MOULDABLE TO CUSTOMIZE ARTWORK AVAILABLE



HEAT INSULATOR (SUBSTANCE THAT ARE GOOD AT PREVENTING HEAT TRANSFER)



ESG (ENVIRONMENTAL SOCIAL GOVERNANCE COMPLIANCE WITH SUSTAINABLE MATERIAL)



LIGHT WEIGHT



RIGID YET FLEXIBLE



FIRE RETARDANT FELT



EASY TO INSTALL



GOOD SOUND ABSORPTION PERFORMANCE



SOUND DAMPENING



NON HEALTH HAZARD (RoHS COMPLIANCE)



ECO FRIENDLY (70% ABOVE RECYCLE MATERIAL)



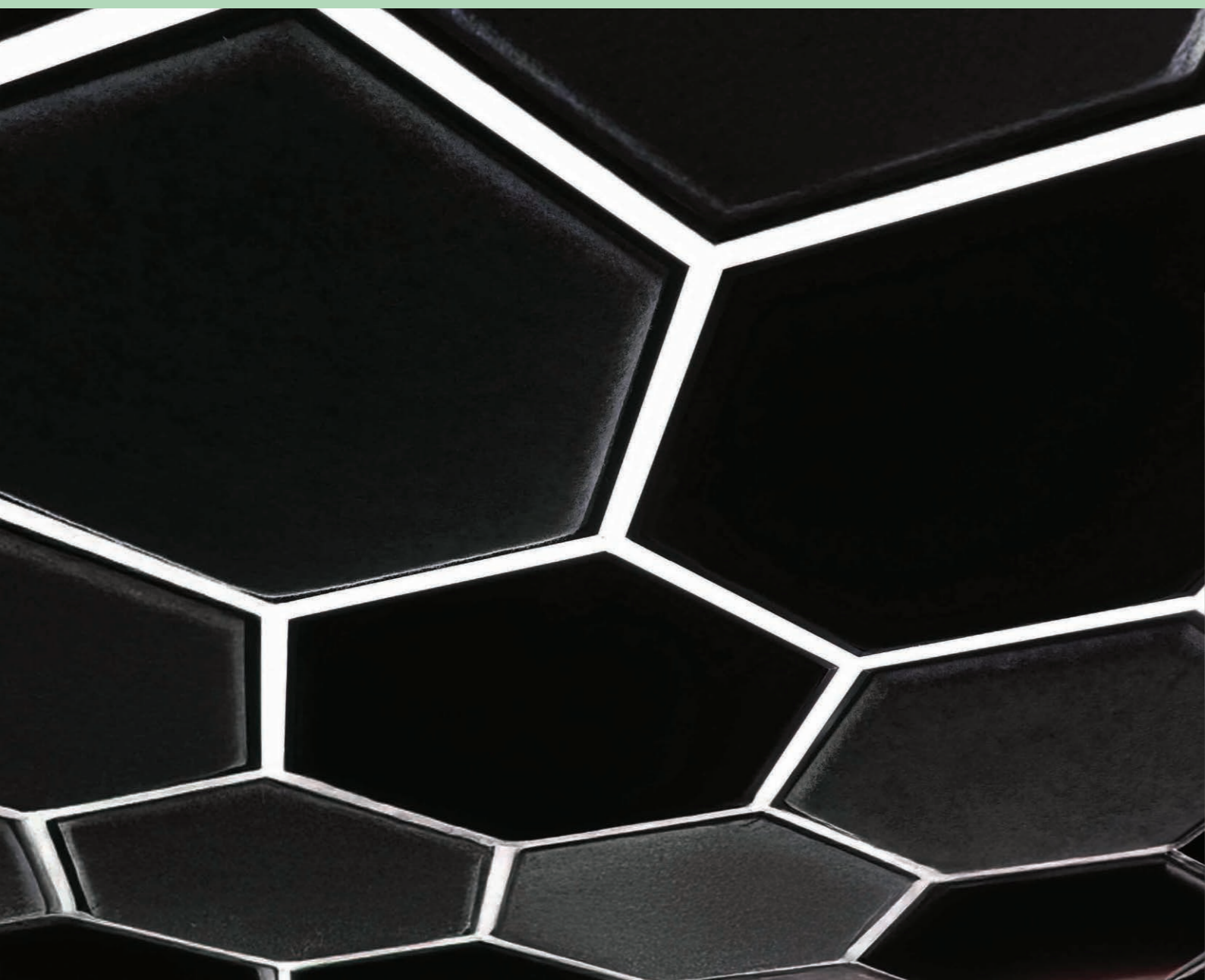
ACOUSTIC CELLING  
PANEL

LIGHTING  
SYSTEM

MODULAR  
SYSTEM

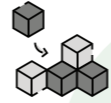
# 3 IN 1.

CEILING SYSTEM

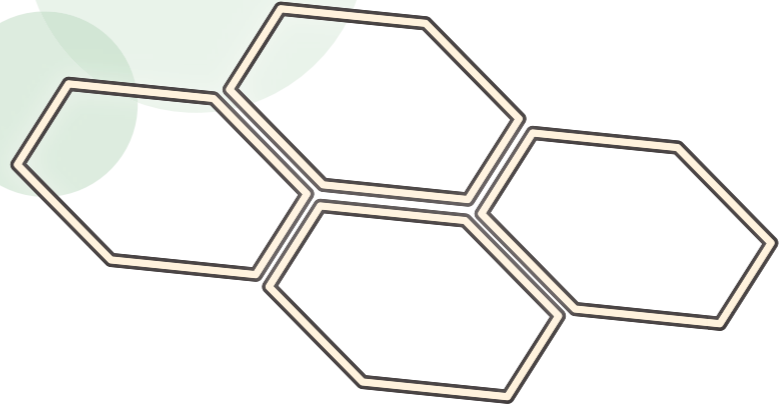
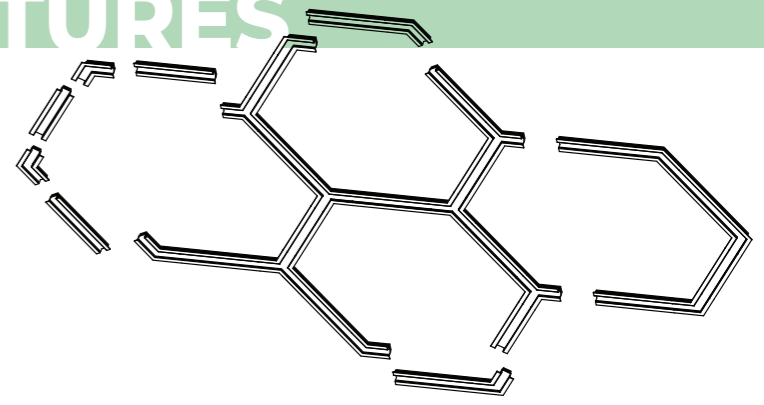


## PRODUCT FEATURES

### MODULAR SYSTEM



Designed with flexibility in mind, the modular bracket system easily adapts to various ceiling panel shapes for seamless installation.



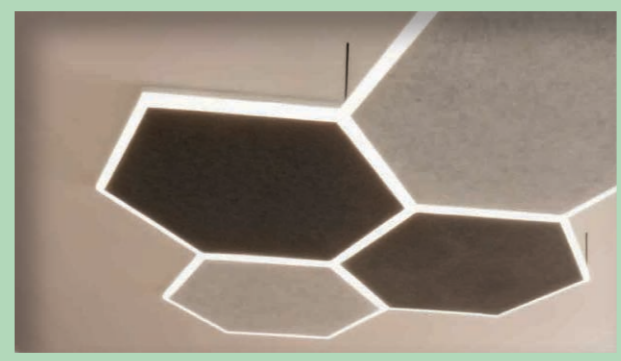
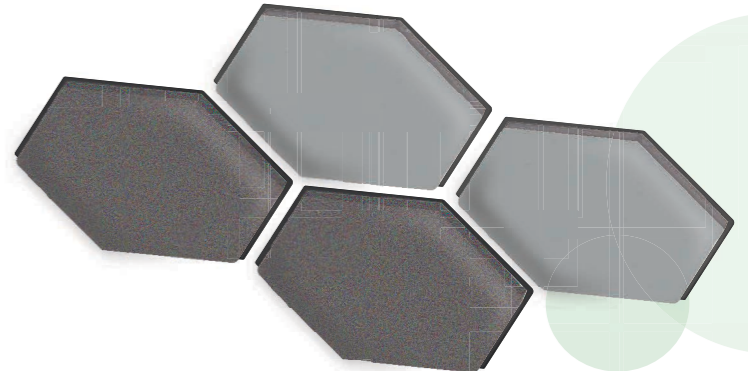
### LIGHTING SYSTEM

Featuring CGT, RGB, and chasing light options, our acoustic lighting combines functionality with visual appeal to elevate any space.



### ACOUSTIC CEILING PANEL

By changing the asbestos ceiling board to Acoustic Ceiling Panel (ACP), the roofing heat from the afternoon hot sun and noise from heavy rain will be shielded. With less heat, it also helps to save air conditioning electricity, in addition to making the room more comfortable to stay in. It is easy to use and install.



### PRODUCT APPLICATIONS

Our acoustic lighting is perfect for offices, studios, conference rooms, and retail spaces—places that demand both functional illumination and sound control. It enhances visual comfort while improving acoustics, creating an inspiring and productive environment for work and creativity.

Also ideal for hospitality and entertainment spaces, offering dynamic lighting effects and balanced sound absorption for a stylish, comfortable atmosphere.



OSTIC  
HTING

# ACOUSTIC

B A F F L E C E I L I N G



## B A F F L E C E I L I N G

Crafted from high-density Polyester Fiber, Acoustic Baffle Ceiling combines sound absorption and integrated lighting in one modern design. It enhances both acoustic comfort and visual warmth, making it ideal for offices, meeting rooms, and open spaces



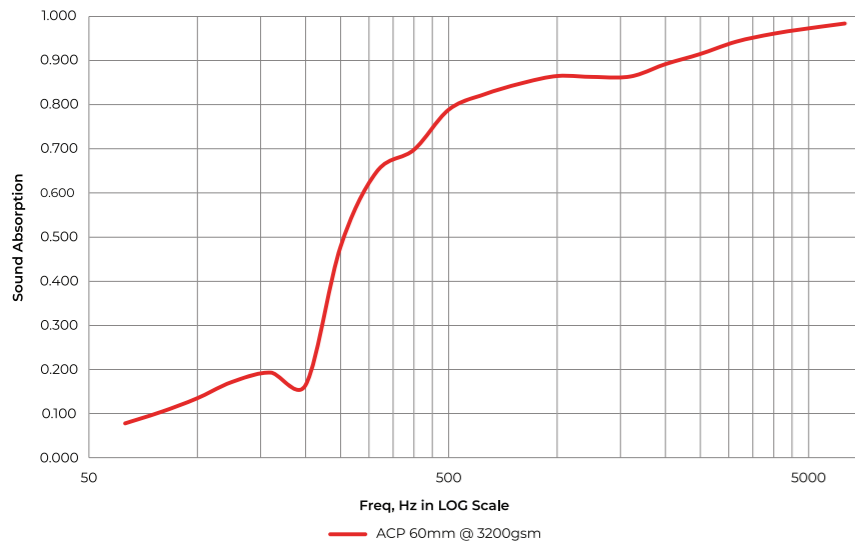
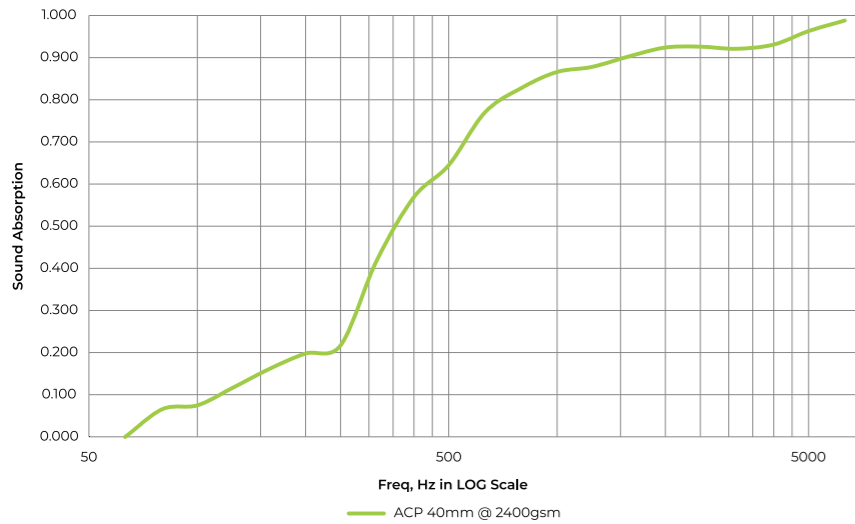
Ideal for offices, classrooms, and open spaces, Baffle Ceilings reduce echo and enhance acoustic comfort.

Perfect for modern interiors, they offer aesthetic appeal, sound control, and sustainable performance in every design.

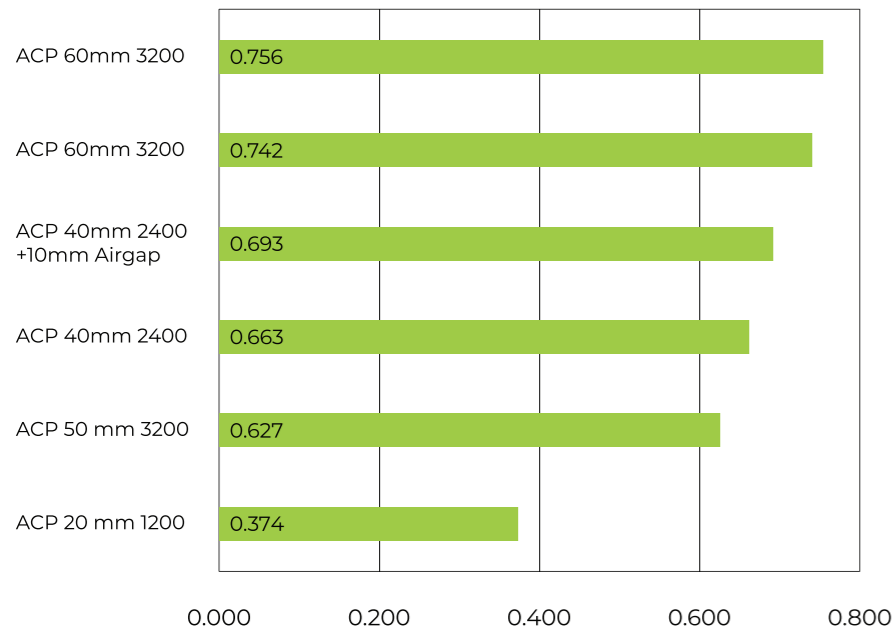
COU  
LIGHT

# SOUND ABSORPTION

P E R F O R M A N C E C H A R T



## Noise Reduction Coefficient, NRC



# HIGH QUALITY AND SOUND PROOFING

At Ecosil, we prioritize quality and safety in all our products. Our soundproof panels are thoroughly tested to ensure they provide top-notch noise reduction and meet the highest fire safety standards.

We've put our panels through rigorous noise reduction tests to show how effectively they block out sound, and we didn't forget about safety—our fire testing ensures they're as safe as they are effective.

For detailed test results, check out the information further in this brochure. Choose Ecosil for soundproofing that truly makes a difference!



## UL94 VERTICAL FIRE TEST RESULT

The UL94 Vertical Burning (V) test assesses a material's flammability in a vertical orientation. It measures the material's self-extinguishing time after removal of a flame source, whether it drips flaming particles, and if it exhibits afterglow. The test classifies materials into V-0, V-1, and V-2 ratings, with V-0 being the most flame-retardant.

Sample	Time	1	2	3	4	5	6	7	8	9	10
Flaming Time	1 <sup>st</sup> Test	0	0	0	0	0	0	0	0	0	0
	2 <sup>nd</sup> Test	0	0	0	0	0	0	0	0	0	0
Total Flaming Time		0									
Burn Up To Holding Clamp		X	X	X	X	X	X	X	X	X	X
Dripping Flaming Particle		X	X	X	X	X	X	X	X	X	X
Glowing Time		9	8	9	9	10	9	8	8	9	9
Judgement		PASS									
Class		V-0									

## HEAT INSULATION TEST RESULT

A heat insulation test evaluates a material's ability to resist heat transfer, typically by measuring its thermal resistance or conductivity. Methods include using a heat flow meter for materials like aerogel, a guarded hot box to test full wall systems, and thermal imaging to spot cold spots or areas of poor insulation.

Starting Temperature: 30°C Test Duration: 375 minutes

Time	Heater Temperature	Plaster Board Thickness: 10 mm Weight: 1090 g		Insulation Felt Thickness: 20 mm x2 (40mm) Weight: 465 g [With Aluminium foil]	Temperature Difference	Remarks
		Box 1	Box 2			
9:15	Off	26.7°C	26.8°C		N/A	
9:45	58°C	30.3°C	27.1°C		3.2°C	
10:15	60°C	36.0°C	28.5°C		7.5°C	
10:45	60°C	38.1°C	28.8°C		9.3°C	
11:15	60°C	39.9°C	29.5°C		10.4°C	
11:45	60°C	39.5°C	29.9°C		9.6°C	Box Opened
12:15	60°C	39.5°C	30.2°C		9.3°C	
12:45	60°C	39.7°C	30.4°C		9.2°C	
13:15	60°C	39.8°C	30.7°C		9.1°C	
13:45	60°C	40.1°C	31.0°C		9.1°C	
14:15	60°C	40.2°C	30.9°C		9.3°C	
14:45	60°C	40.8°C	31.1°C		9.6°C	
15:15	60°C	41.4°C	31.1°C		10.3°C	
15:45	60°C	41.8°C	31.1°C		10.7°C	
16:15	60°C	41.8°C	31.1°C		10.7°C	
16:30	60°C	41.8°C	31.1°C		10.7°C	



# CONTACT US



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# INTEREST ?

Drop by our offices or get in touch.



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