



BUCKFON

Creative Acoustic Solution

Acoustic ceilings and wall panels that create the best possible room acoustics for most types of indoor environments.

Feature:

Acoustics

Provide excellent solutions to balance acoustical performance, design, and durability - within the budget. From standard acoustical ceiling tile in offices and hospitals to 3D acoustic island and baffles in atriums and auditoriums, our wide range of acoustic products create the best possible room acoustics for most types of indoor environments. The high density of rockwool provides sufficient sound insulation



Moisture resistance and thermal insulation

BUCKFON panel can withstand 100% relative humidity at 40 degrees C. It has 100% natural inorganic materials, inhibits the growth of mold, fungi, and bacteria. Thermal conductivity $\leq 0.040W / (m \cdot K)$, can reduce energy waste.



Safety: Lightweight, fire resistant

BUCKFON products are Class A (EN13501-1:2007) of reaction to fire performance for construction products. Does not produce smoke and dripping when a fire occurs and is flame retardant. Rockwool products are soft and light in weight, and will not cause harm to the human body if they encounter a disaster such as an earthquake.

Design: Excellent visual impact and flexibility

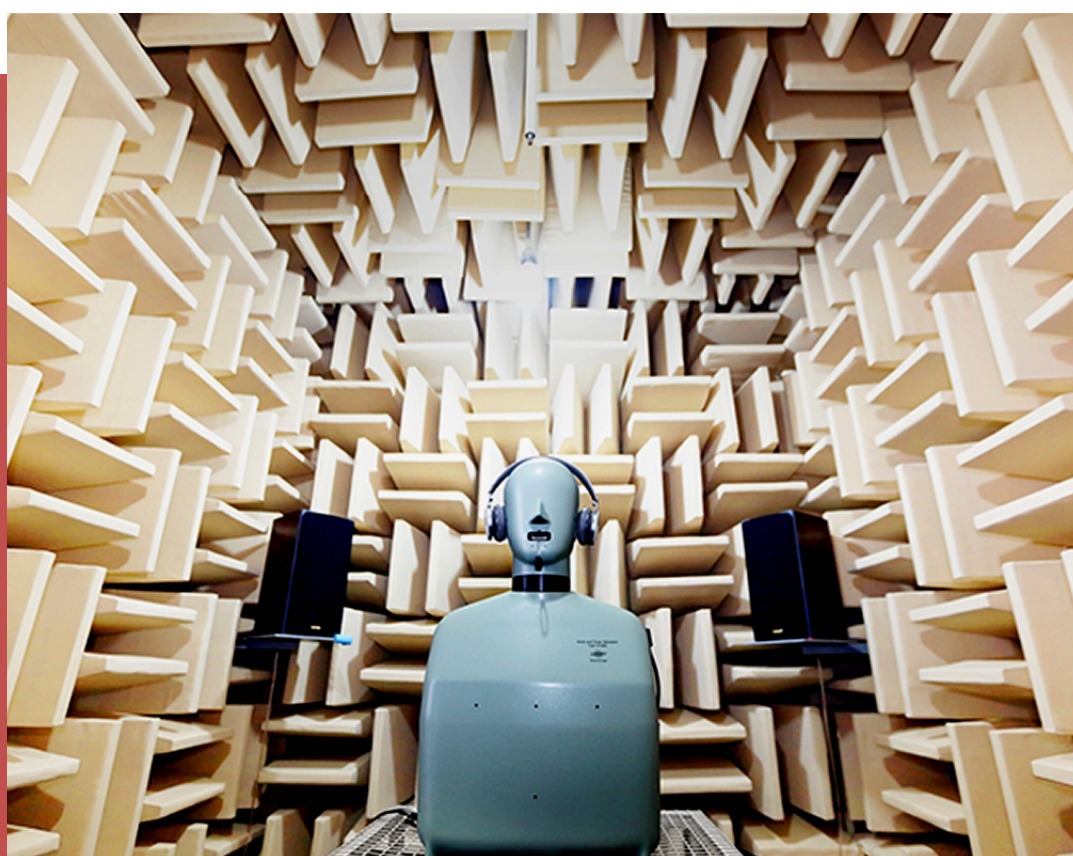
Different from the ordinary soft ceiling, we can offer a wide variety of dimensions, colors, and surface textures to meet your custom needs. Together with the variety of installation systems, it offers customers varied options.





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About Us

As a professional and reliable acoustic product manufacturer, BUCKFON has attained certification in different standards.

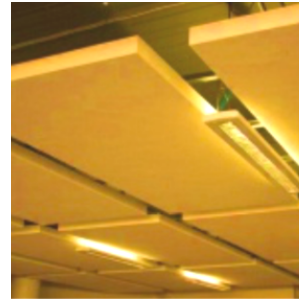
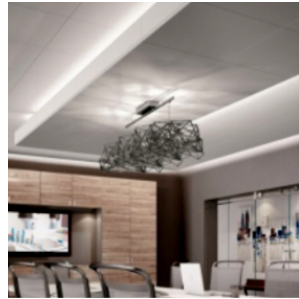
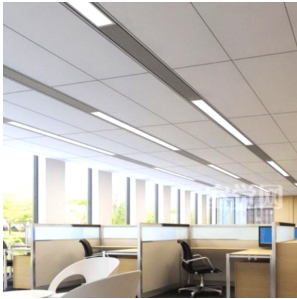
Our product covers the acoustic product for all kinds of users including office, school, hospital, swimming pool, cinema, industrial use, etc. Exquisitely designed and manufactured acoustic ceilings, free-hanging units, and wall panels. Better acoustics will improve learning, teaching, and productivity.

The core material is 100% inorganic Rockwool, which makes lightweight, good acoustic effect, fire resistance, thermal insulation, and no sagging. Metal frameworks are also available.

We customize based on the design and idea of your choice, obtaining different kinds of the surface while meeting your requirements.

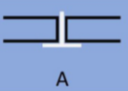
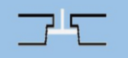
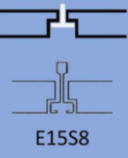

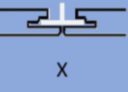



BUCKFON Acoustic Ceiling Tile



BUCKFON offers acoustic ceiling solutions that create good sound environments in places where people work and communicate. We have our own accessories to complement a range of ceiling tiles during installation.

In addition, we provide the Integrated Ceiling Systems to turn the ceiling's lighting, air vents, and other E/M utilities into an acoustical seamless ceiling system. BUCKFON integrated solutions will transform your ceiling into a stunning visual with sound performance.

EDGE	STANDARD SIZE (mm)	KG/m ²
 A	600 x 600 x 15	2.3
	600 x 1200 x 15	2.3
 E15L10	600 x 600 x 15	2.3
	600 x 1200 x 15	2.3
 E15S8	600 x 600 x 15	2.3
	600 x 1200 x 15	2.3
	300 x 1200 x 15	2.3
	300 x 300 x 15	2.3
 E24L10	600 x 600 x 15	2.3
	600 x 1200 x 15	2.3
 X	600 x 600 x 25	3.5
	600 x 1200 x 25	3.5
	600 x 1800 x 25	3.5
	300 x 1200 x 25	3.5
 D	600 x 600 x 25	3.5
	600 x 1200 x 25	3.5



Sound insulation
ASTM 1414 CAC=20-25



Sound absorption
ISO 354:2003,
NRC=0.85~0.9



Combustion performance
EN 13501-1 CLASS A1



Moisture resistance
EN 13964, 1/C/ON, RH100%



Thermal insulation
At 25°C, λ <0.05w/m.k, at 600°,
λ <0.15w/m.k



Clean room grade
ISO 14644-1, Class 5



Fire resistance
EN 1364-2-2018
>0.3hr



Health
Contains no asbestos, CFC, HCFC,
HCHO<formaldehyde>, no mold

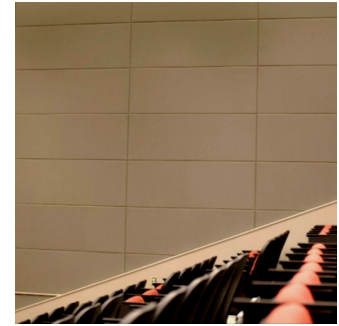
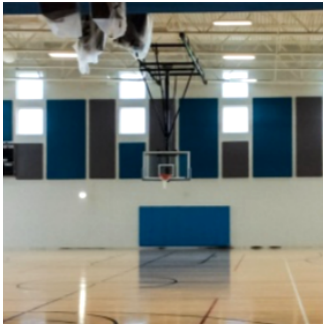


Cleaning
Can use vacuum cleaner with
soft brush, detergent + rag



Durability
15-year warranty

BUCKFON Acoustic Wall Panel



In some premises, it is only possible to use sound absorbents on the walls, not the ceiling, or it may be necessary to supplement an acoustic ceiling with additional sound absorption. BUCKFON wall panels include products for a range of applications such as schools, offices, auditorium, swimming pool, sports hall and even factory.

We offer a range of surface from fine textile for decoration to fabric surfaces. It is developed to withstand impacts in sport halls and other similar environments. These materials can fulfill the fire requirement and have excellent acoustic performance.

EDGE			SIZE (mm)	MODEL
LONG EDGE (L)	SHORT EDGE (S)	THICKNESS (mm)		
		50mm	S300-1200 L600-3000	ASW-SCC
		50mm	S300-1200 L600-3000	ASW-SCT
		50mm	S300-1200 L600-3000	ASW-STT
		50mm	S300-1200 L600-3000	ASW-CC
		50mm	S300-1200 L600-3000	ASW-CT



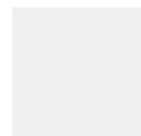
Fine Woven



Impact Resistance



Reticulated Eye



WHITE



BLACK



GREY



Recyclable Product



Sound absorption
ISO 354:2003,
NRC=0.85-0.9



Sound insulation
ASTM 1414 CAC=30-40



Combustion performance
EN 13501-1 CLASS A1/A2



Moisture resistance
EN 13964, 1/C/ON, RH100%



Thermal insulation
At 25°C, $\lambda < 0.05\text{w/m.k}$, at 600°,
 $\lambda < 0.15\text{w/m.k}$



Impact resistance
Fulfill DIN 18032 PART 3



Fire resistance
EN 1364-2-2018
>0.3hr



Health
Contains no asbestos, CFC, HCFC,
HCHO<formaldehyde>, no mold



Cleaning
Can use vacuum cleaner with
soft brush, detergent + rag







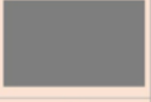

Durability
15-year warranty

BUCKFON Freehang



The ever trend-sensitive stereoscopic ceiling comes in several shapes and sizes allowing freedom of design and the opportunity to create striking new expressions whilst also keeping up-to-speed with sustainable architectural developments. BUCKFON Baffle system can also be applied to ensure an acceptable acoustical climate and to reduce the noise levels in rooms with loud machinery and workplaces.

Various color and surface material available, such as paint, enhanced glass fiber fabric, and fine textile. Achieve acoustical performance, fire requirement, design, and durability – all while remaining within budget.

ACOUSTONE FREEHANG		DIMENSIO	ACCESSORY
APPEARENCE	SHAPE	N (mm)	
	CIRCLE OVAL	Dia. ≤1200 L/W ≤1200 THK ~40	
	POLYGON	L ≤1200 W ≤1200 THK ~40	
	QUADRILATERAL	L ≤2400 W ≤1200 THK ~40	
	BAFFLE	L ≤2400 W ≤1200 THK ~40	
	CUSTOMIZE	L ≤3000 W ≤1500 THK ~40-50	

- A range of color and surface available
- Integrated lighting solutions available



Sound absorption
ISO 354:2003,
NRC=0.85~0.9



Sound insulation
ASTM 1414 CAC=30~40



Combustion performance
EN 13501-1 CLASS A1/A2



Moisture resistance
EN 13964, 1/C/ON, RH100%



Thermal insulation
At 25°C, λ <0.05w/m.k, at 600°, λ <0.15w/m.k



Impact resistance
Fulfill DIN 18032 PART 3



Fire resistance
EN 1364-2-2018
>0.3hr



Health
Contains no asbestos, CFC, HCFC,
HCHO<formaldehyde>, no mold

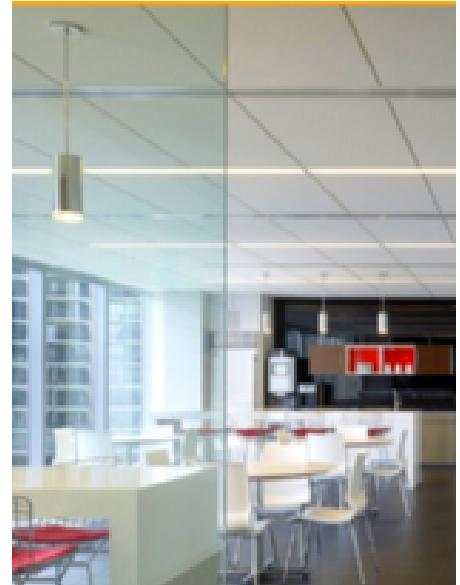


Cleaning
Can use vacuum cleaner with
soft brush, detergent + rag



Durability
15-year warranty

OFFICE APPLICATIONS



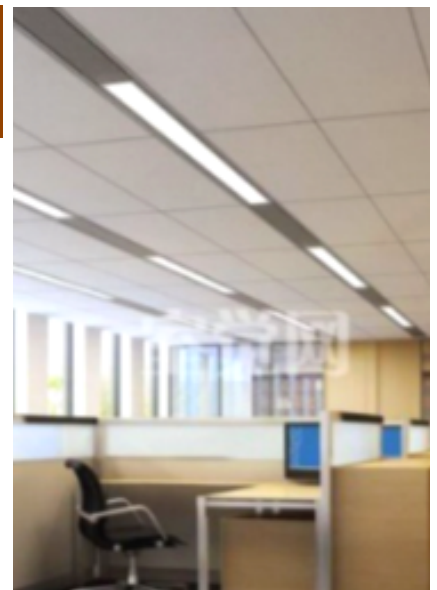
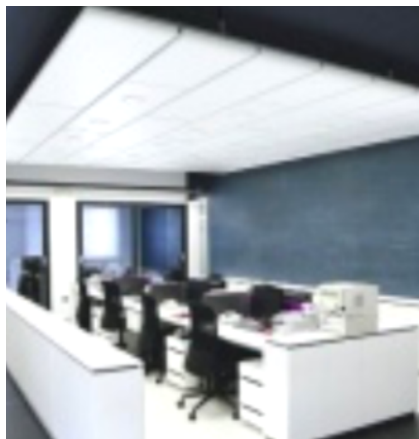
COMMUNICATION



CONCENTRATION

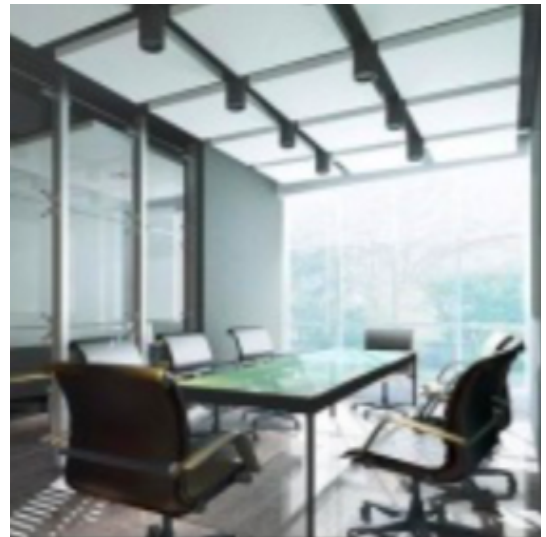


TEAM





INSPIRATION



MEETING

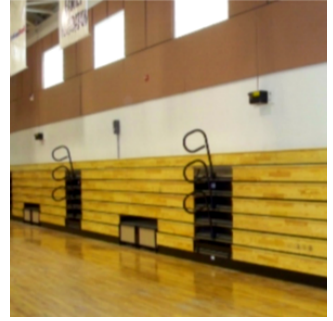
OTHER APPLICATIONS



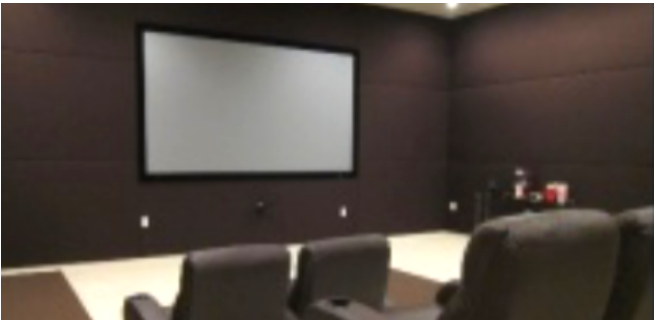
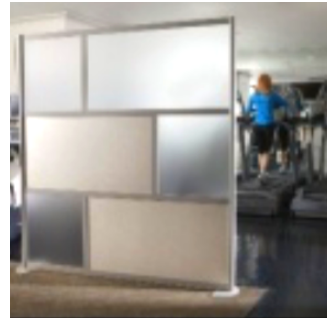
EDUCATION



SPORTS CENTER



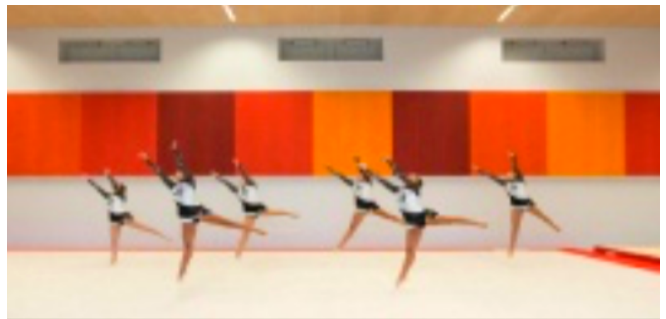
HOME THEATER



GYMNASIUM



HOSPITAL



AUDITORIUM



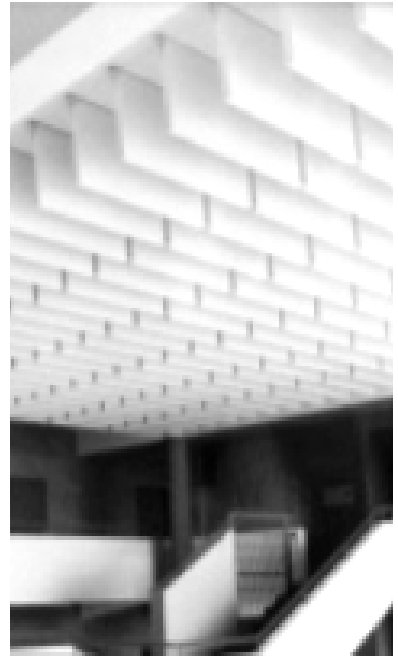
**SWIMMING
POOL**



**SHOPPING
ARCADE**

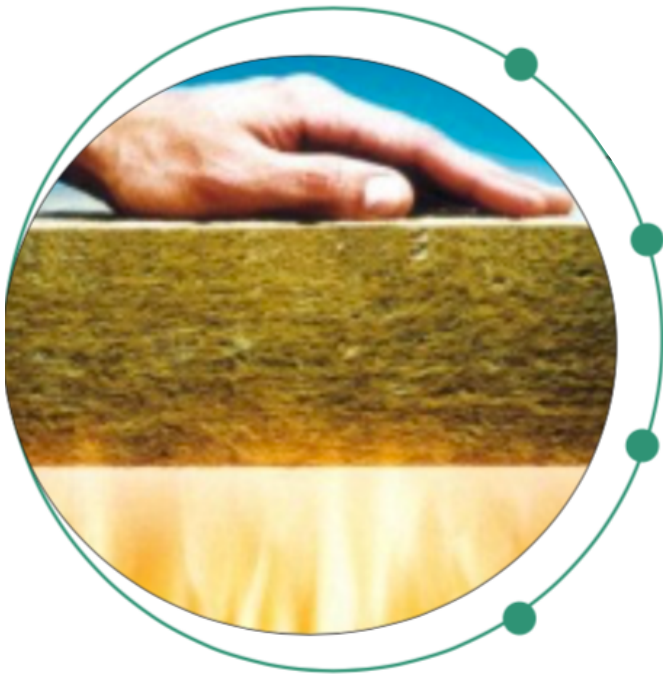


FACTORY



SCHOOL





Vs MINERAL WOOL

- Better sound absorption
- Better sound insulation
- 100% inorganic,
No sagging, No mildew
- A range of texture surface
- Flexibility of panel size
- Durable, 15-year guarantee

Vs METAL CEILING

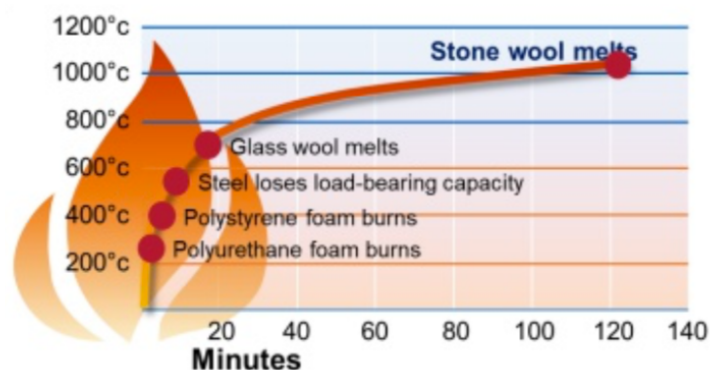
- Better sound absorption
- Better sound insulation
- No sagging in large size panel
- A range of texture surface
- Durable, 15-year guarantee

Vs GLASSWOOL

- Better sound insulation
- Less hypersensitive to skin
- Better fire resistance

Vs GYPSUM

- Better sound absorption
- A range of texture surface
- No sagging in large size panel
- Durable, 15-year guarantee



GRID SYSTEM	EDGE	JOINT DETAIL	STANDARD SIZE mm	VISUAL EFFECT	MODULE
			600 x 600 600 x 1200 600 x 1800		AS-DC Conceal Edge
			600 x 600 600 x 1200 600 x 1800		AS-D Conceal Edge
			600 x 600 600 x 1200		AS-X Open Joint Conceal Edge
			600 x 600 600 x 1200 300 x 1200		AS-E15 Tegular Edge (15mm T-Grid)
			600 x 600 600 x 1200		AS-E24 Tegular Edge (24mm T-Grid)
			600 x 600 600 x 1200 1200 x 1200 600 x 1800		AS-A Lay-In Square Edge (15mm/24mm T-Grid)
			600 x 2700 600 x 3000 900 x 2700 900 x 3000		ASW-CC Conceal Edge Wall Panel
			600 x 2700 600 x 3000 900 x 2700 900 x 3000		ASW-SCC Square Edge Wall Panel (Semi-conceal Grid)
			600 x 2700 600 x 3000 900 x 2700 900 x 3000		ASW-STT Square Edge Wall Panel (Exposed Grid)

Creative Acoustic Solution

Achieve acoustical performance, design, and durability
- all while remaining within the budget



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