



PANEL



THICKNESS

10mm

DENSITY

2000g/m²

STANDARD SIZE

1220x2400mm



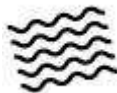
Acoustic Non-Woven Polyester Fibre Panels

Acoustic™ Wall Panel

is a high performing sound absorption material



High Performance
NRC 0.85-0.9



It is made from
Polyester Fibre



Light weight
And flexible



High Resistance to
Humidity & Moisture



Easy Installation
& Maintenance



Highly Versatile—
Cut to desired shape/size

Polyester Staple Fiber



- Shrink and Stretch Resistant
- Resistant to most chemicals
- Mildew/Fungus resistant
- Abrasion resistant
- Not affected by organic solvents



Various Applications

WALL PANELS

Standard Size | Designer | Laser Cut | Printed Panel

FALSE CEILINGS

Baffles | Ceiling Tiles | Floats | Cell Ceiling

DIVIDERS

For Modular furniture

PARTITIONS

Acoustic Dividers





Certifications

Fire Classification:
B-s1, d0 as per EN-13501

SGS

Acoustic Performance:
Up to 0.9NRC

ARAI[®]
Progress through Research

TEST REPORT

Report No. : MAN:HL:9480006208

DATE : 01st October, 2018

Test method	Parameter	Specimen number	Results
EN ISO 11925-2 Exposure = 30 s	$F_0 \leq 150$ mm	6	Yes
	Ignition of the filter paper		No

IV. Classification and direct field of application

This classification has been carried out in accordance with EN 13501-1:2007+A1:2009.

a) Classification

The product, Techno Acoustic Non Woven Polyester Fiber Panel, classification is as following.

Fire behaviour	Smoke production	Flaming droplets
B	s 1	d 0

Reaction to fire classification: B-s1, d0

Remark: The classes with their corresponding fire performance are given in annex A.

b) Field of application

This classification for the submitted sample is valid for the following end use condition:

- With all substrate classified as A1 and A2
- With mechanical fixing.
- No joint

This classification is valid for the following product parameters:

---Characteristics of various layers identical to those as described in § II b) of this test reports.

Statement: The test results relate to the behaviour of the test specimens of a product under the particular conditions of the test; they are not intended to be the sole criterion for assessing the potential fire hazard of the product in use.

Warning:

This classification report does not represent type approval or certification of the product.

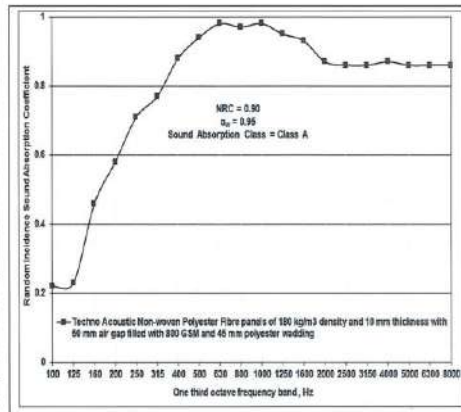
The test laboratory has, therefore, play no part in sampling the product for the test, although it holds appropriate references to the manufacturer's factory production control that is aimed to be relevant to the samples tested and that will provide for their traceability.

NO. NVH/3100000975/2018-19/34

28th June 2018

Table 1 and Figure 2: Values and Plot for Random incidence sound absorption coefficient of Techno Acoustic Non-woven Polyester Fibre panels of 180 kg/m³ density and 10 mm thickness with 50 mm air gap filled with 800 GSM and 45 mm polyester wadding at one third octave frequencies

One third octave frequency, Hz	Random Incidence Sound Absorption Coefficient	Standard Deviation
100	0.22	0.02
125	0.23	0.04
160	0.46	0.04
200	0.58	0.04
250	0.71	0.02
315	0.77	0.03
400	0.88	0.03
500	0.94	0.04
630	0.98	0.03
800	0.97	0.03
1000	0.98	0.01
1250	0.95	0.01
1600	0.93	0.02
2000	0.87	0.01
2500	0.86	0.01
3150	0.86	0.00
4000	0.87	0.01
5000	0.86	0.01
6300	0.86	0.02
8000	0.86	0.03



Note: (*Measurement uncertainty for Random incidence sound absorption coefficient evaluation is ±2.2% at 95.45% confidence level and k = 2 in the frequency range 125 Hz to 5000 Hz)



RECTANGULAR PANELS



HEXAGONAL PANELS



All Panel Designer

Acoustic Panels **can be cut into any desired shape** since it is a homogeneous product and easy to cut with a sharp blade.

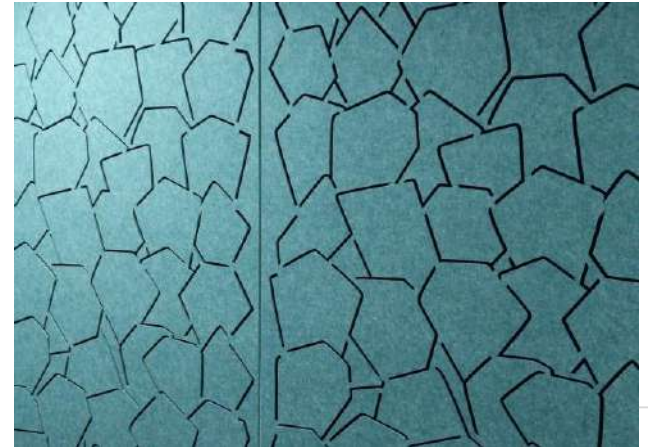
Shown Top to Bottom:
Rectangular Panels

Hexagonal Panels

Multi-colour strips

Acoustic™ Laser-cut Panels

Acoustic Panels can be laser cut to any design



STANDARD SIZE
1200 x 2400mm

Acoustic™ Printed Panels



Acoustic™ Baffles

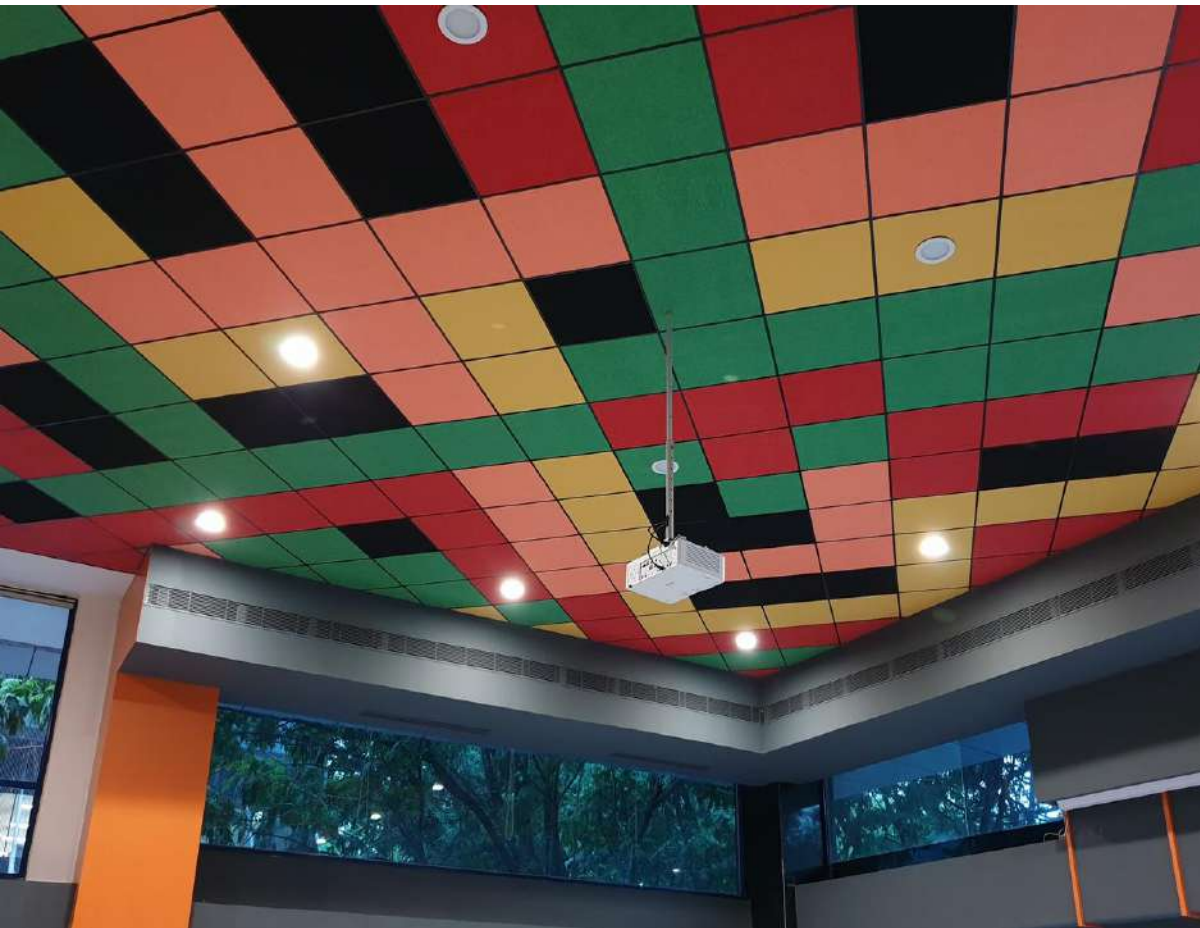
- Custom made as per requirement
- High acoustic performance
- Areas of application–cafeteria, open spaces, lobbies, etc.



Acoustic™ Baffles

- Custom made as per requirement
- High acoustic performance
- Areas of application–cafeteria, open spaces, lobbies, etc.





Acoustic™ Ceiling Tiles

T- GRID SYSTEM

- Available in multiple colours
- Also available in T-grid color to match the preferred shade.

FIXED ON GYPSUM CEILING/FRAMING

- Can be pasted directly on gypsum ceiling or wooden framing on ceiling.

STANDARD SIZE

595 x 595mm

295 x 1195mm

Acoustic™ Floats

Available in square, hexagon, rectangle, circle, triangle and custom made shapes

STANDARD SIZE

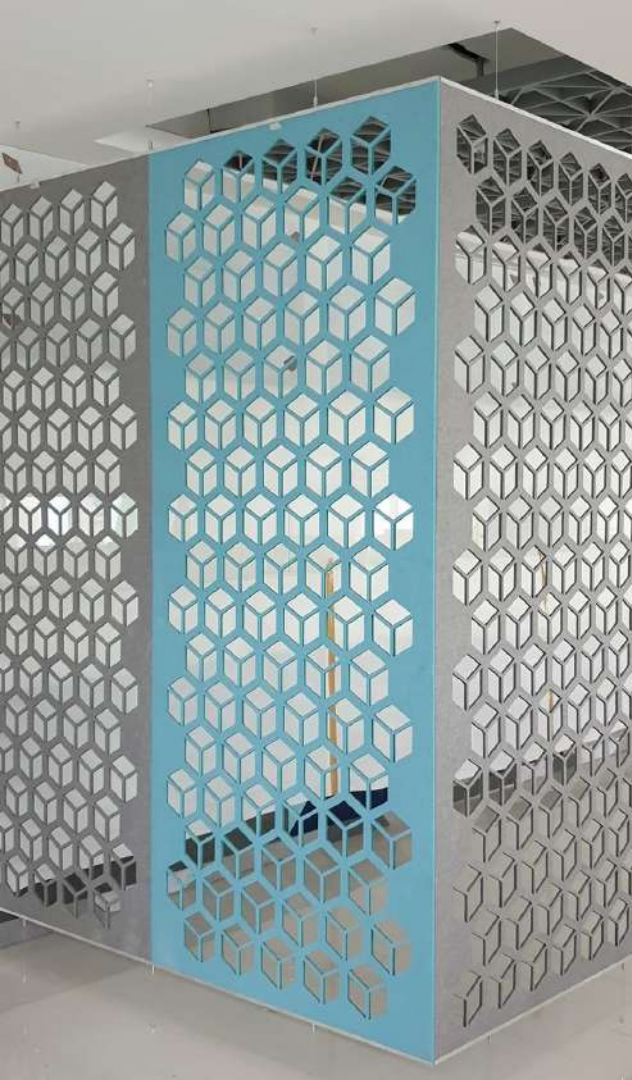
1200 x 1200mm (can be customised)

Acoustic™ Cell Ceiling



Acoustic Screens

Available in various patterns, laser cut according to your preferred design



STANDARD SIZE
1200 x 2400mm (can be customised)

APPLICATIONS



ASHOKA ACOUSTIC V-GROOVE PANEL





ACOUSTIC V-GROOVE PANEL



ACOUSTIC GROOVED PANEL



ACOUSTIC GROOVED PANEL



ACOUSTIC PRINTED PANEL



ACOUSTIC PRINTED PANEL

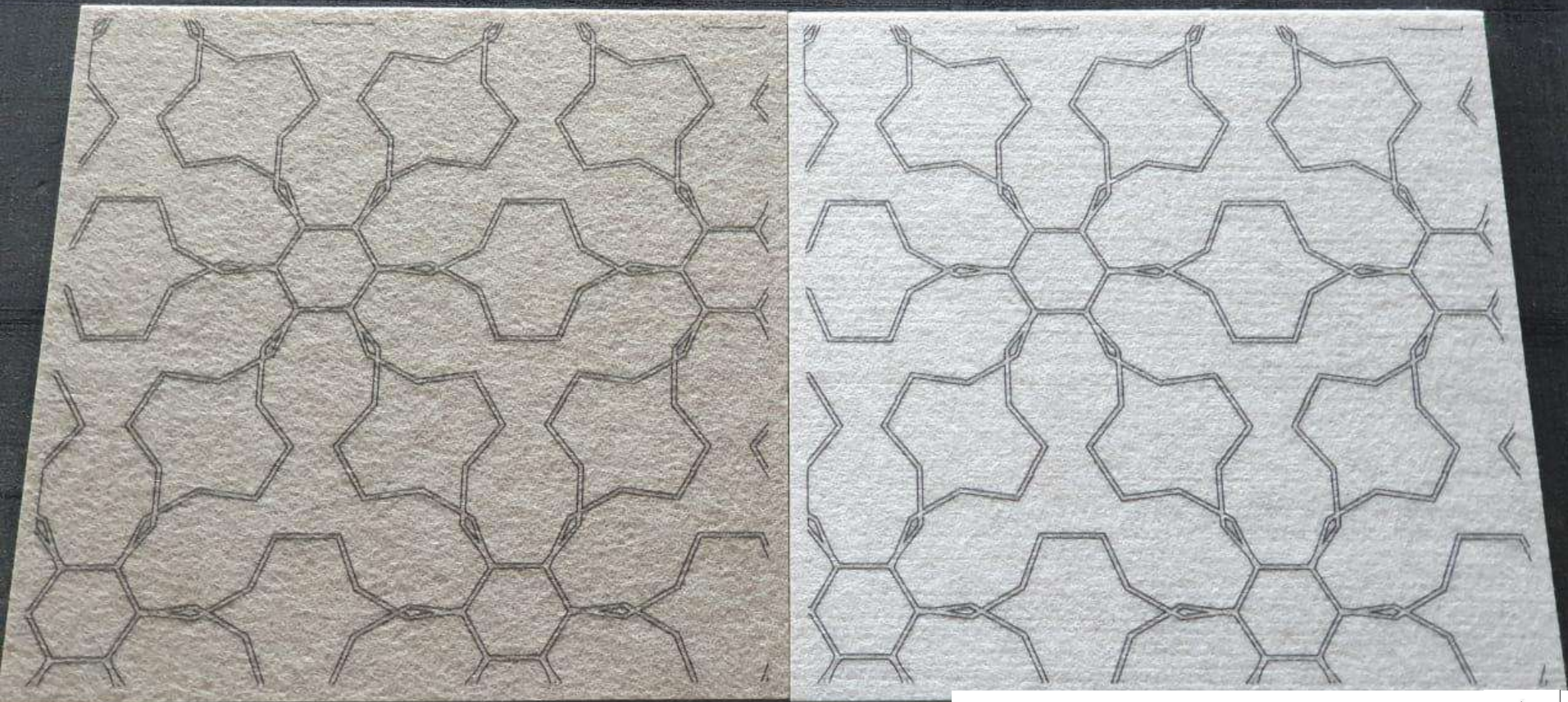


ACOUSTIC PRINTED PANEL



ACOUSTIC PRINTED PANEL

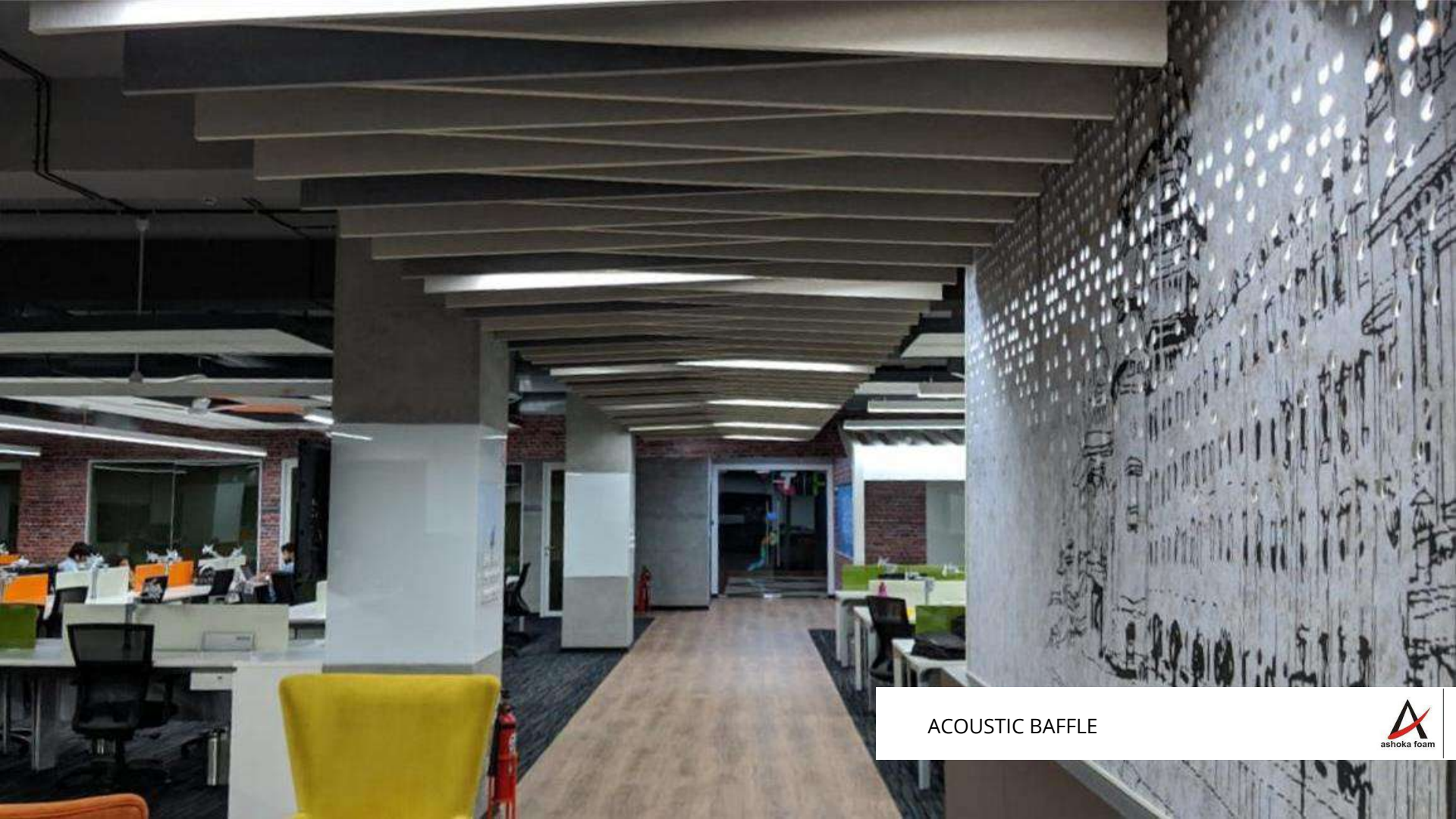




PRINTED PANNEL



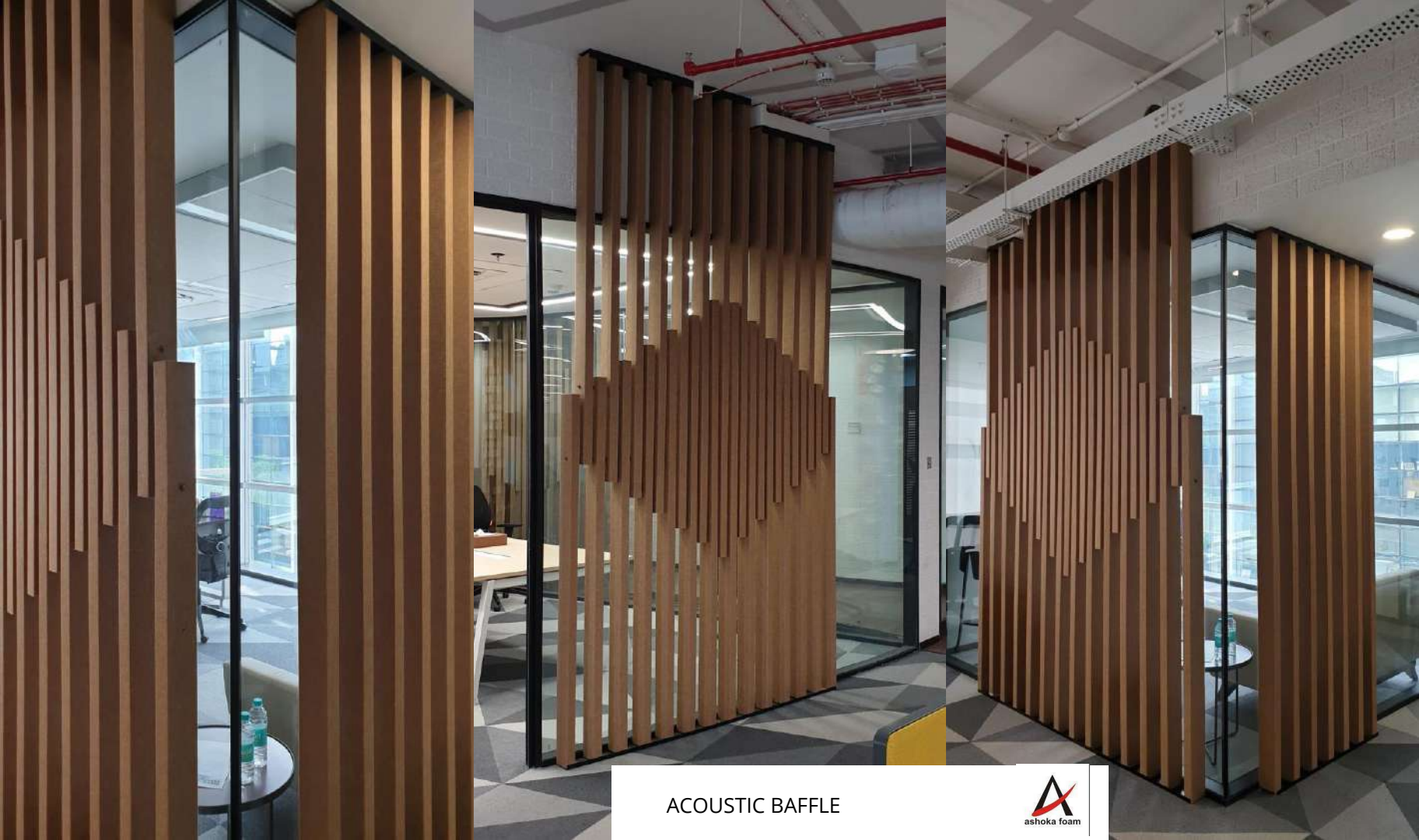
ACOUSTIC PRINTED PANEL



ACOUSTIC BAFFLE



ACOUSTIC BAFFLE



ACOUSTIC BAFFLE



ACOUSTIC WAVY BAFFLE



ACOUSTIC BAFFLE



ACOUSTIC BAFFLE



ACOUSTIC BAFFLE







ACOUSTIC BAFFLE





ACOUSTIC BAFFLE





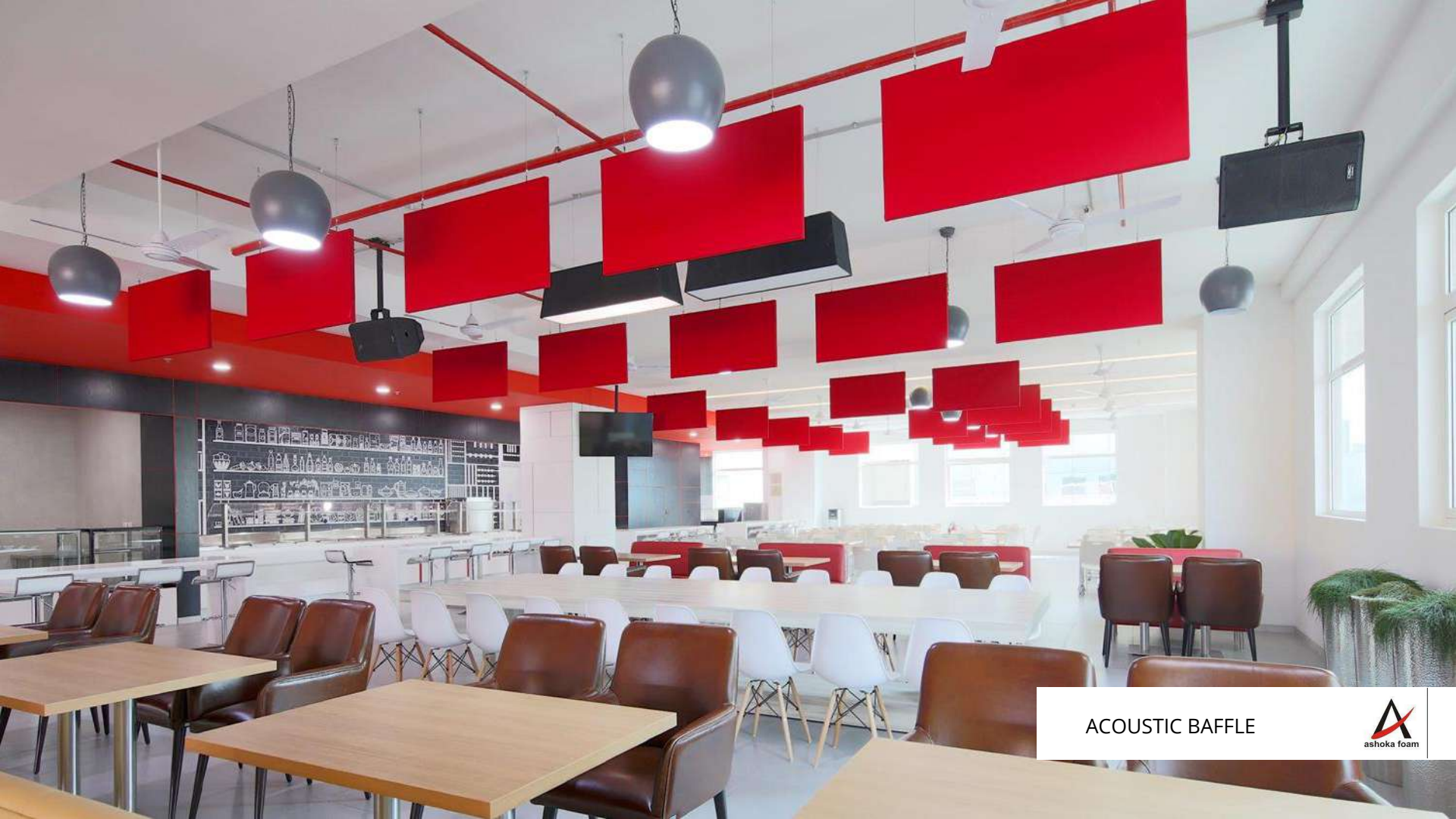
ACOUSTIC BAFFLE





ACOUSTIC BAFFLE





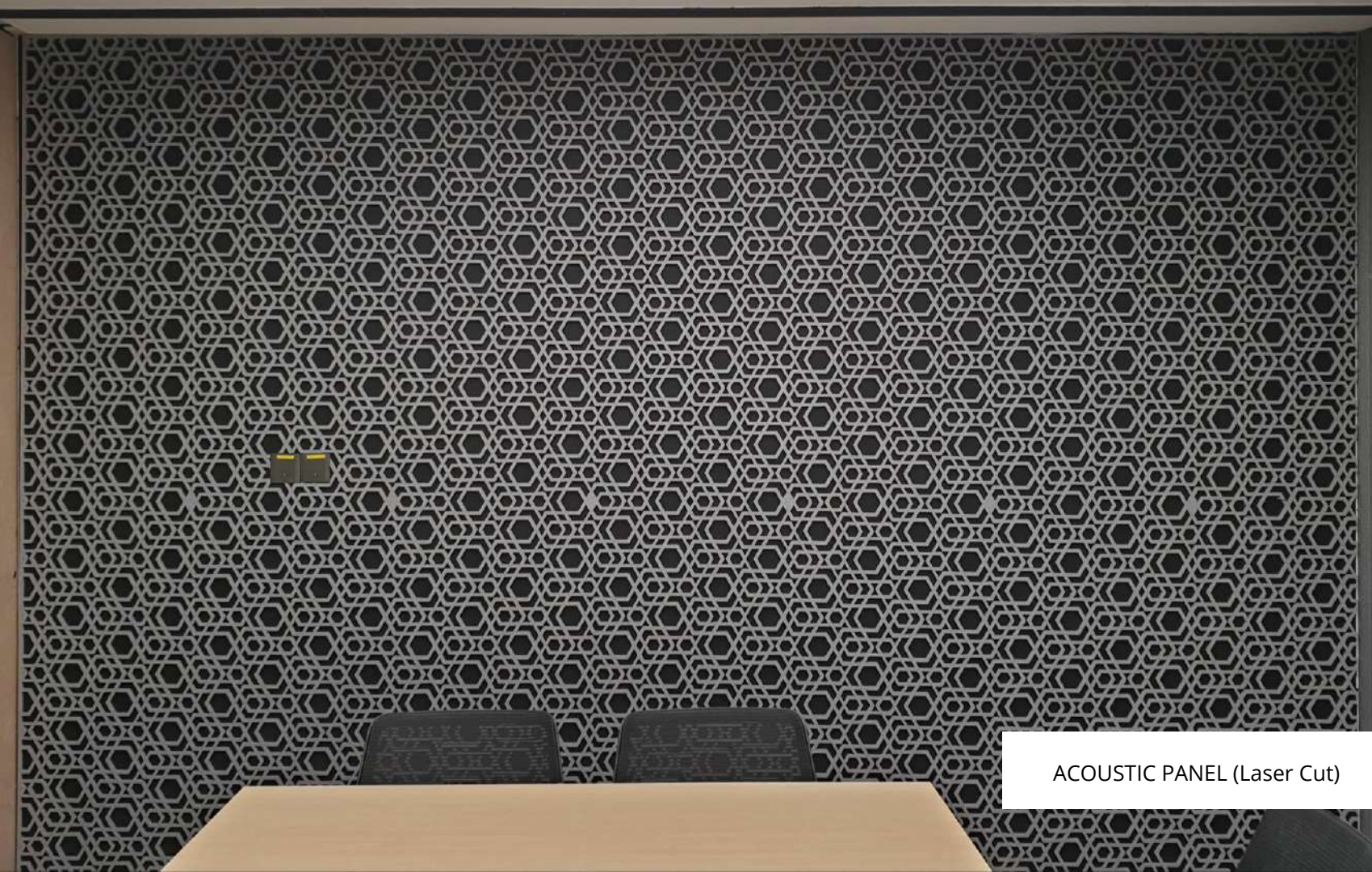
ACOUSTIC BAFFLE





NEWEST ADDITION-
ACOUSTIC PRINTED BAFFLE





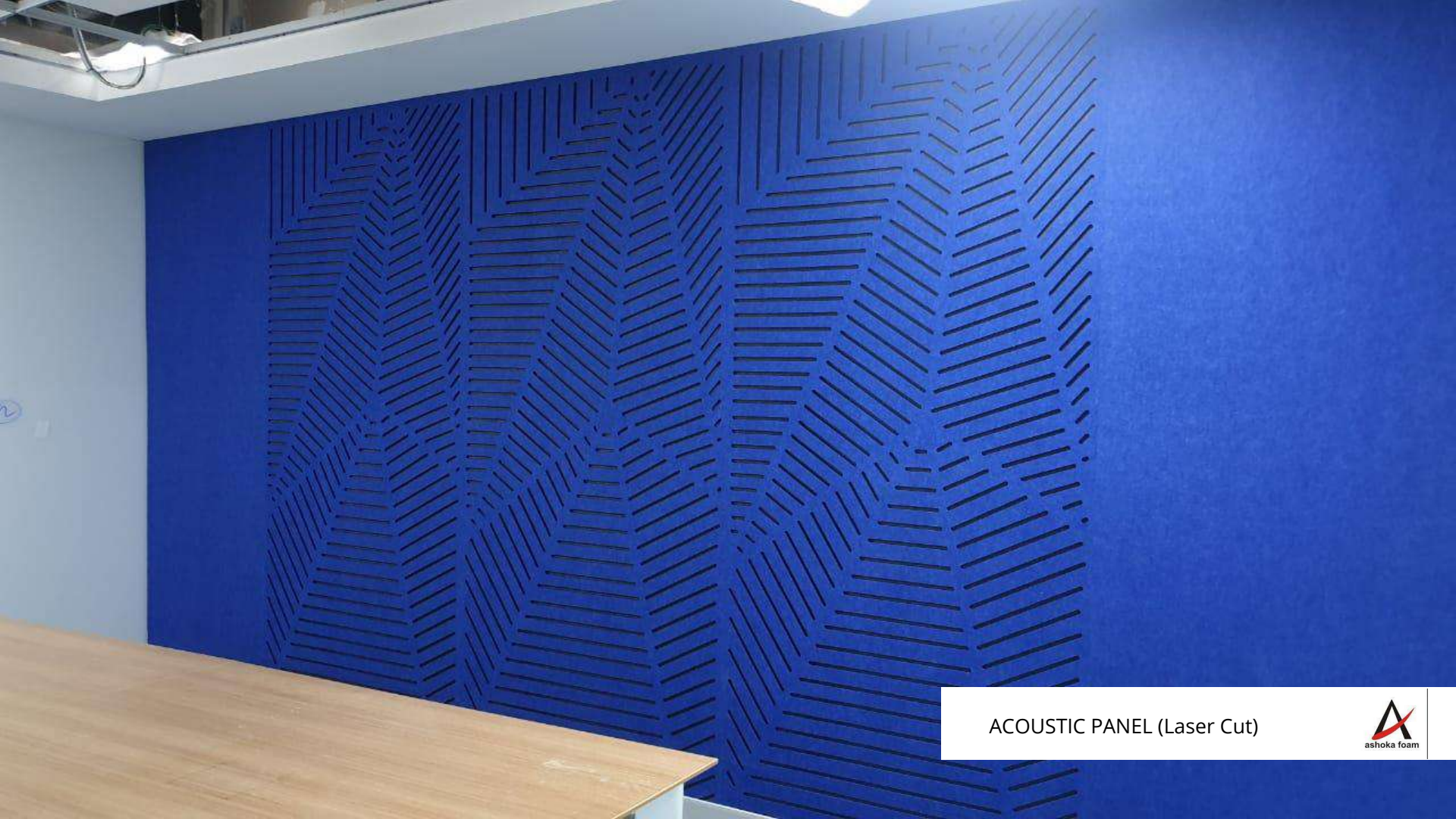
ACOUSTIC PANEL (Laser Cut)



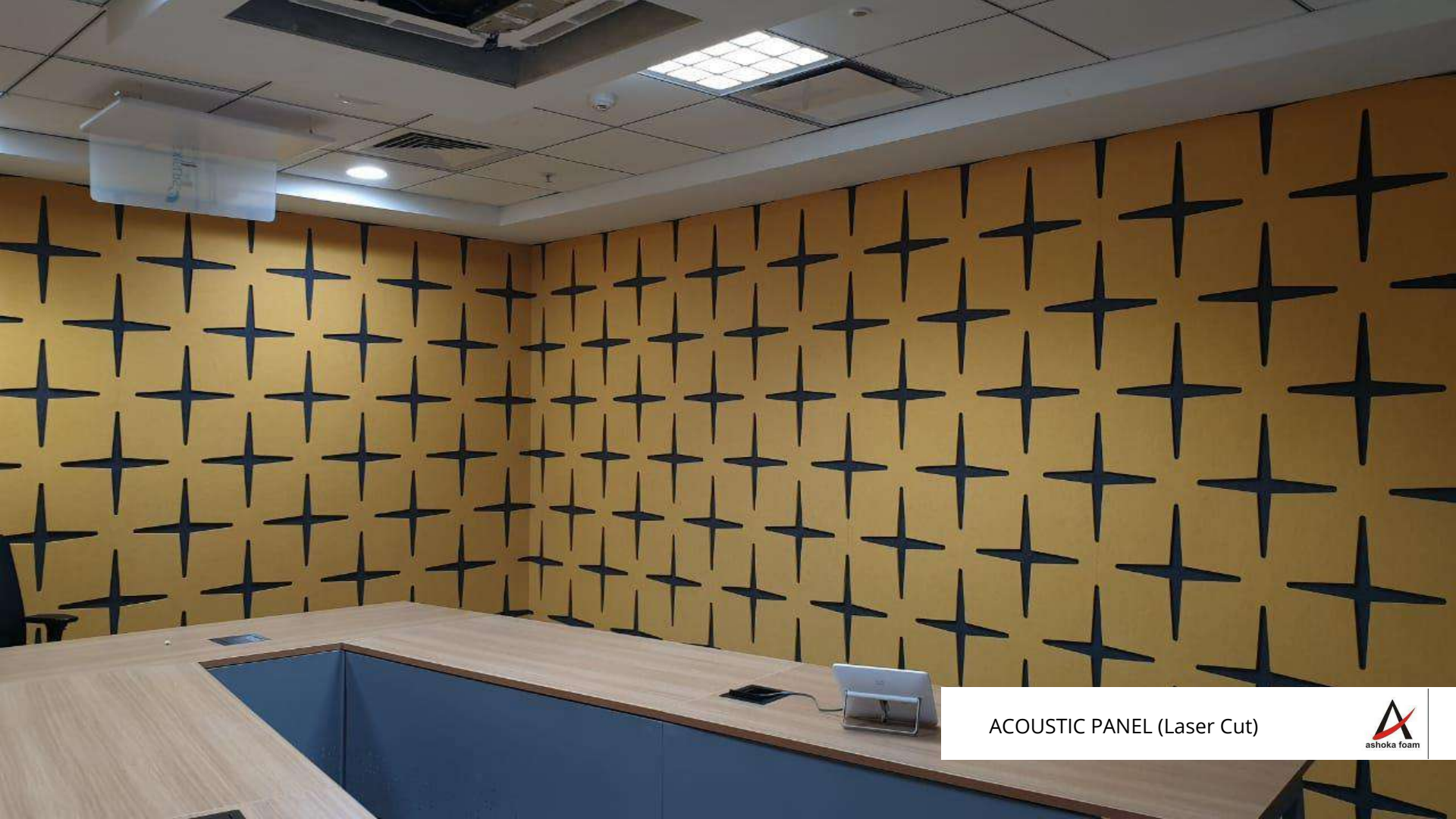
ACOUSTIC PANEL (Laser Cut) – Conference Room



ACOUSTIC PANEL (Laser Cut)



ACOUSTIC PANEL (Laser Cut)



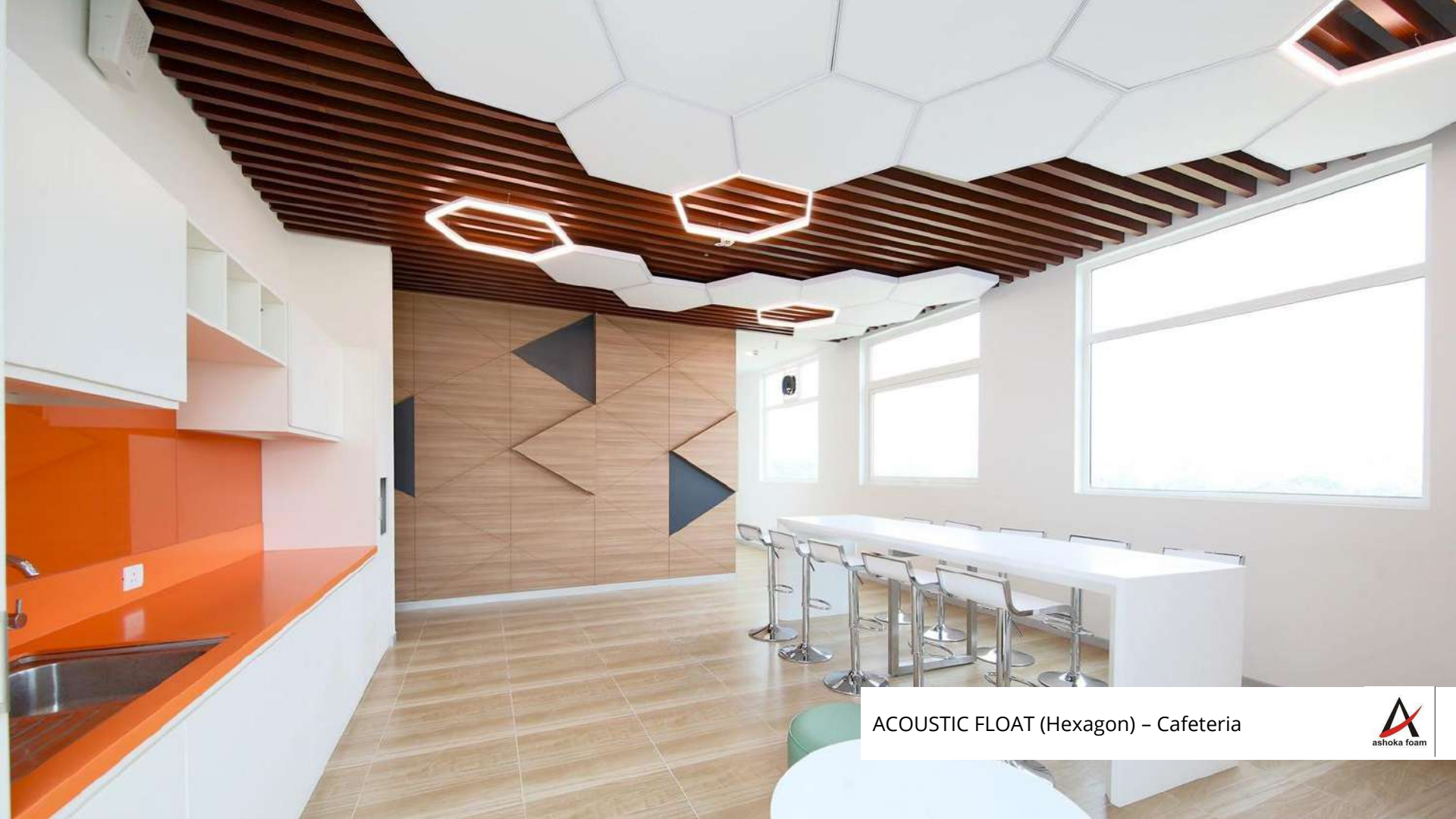
ACOUSTIC PANEL (Laser Cut)



ACOUSTIC PANEL (Laser Cut)



ACOUSTIC FLOAT (Triangle)



ACOUSTIC FLOAT (Hexagon) - Cafeteria



ACOUSTIC FLOAT (Circle)



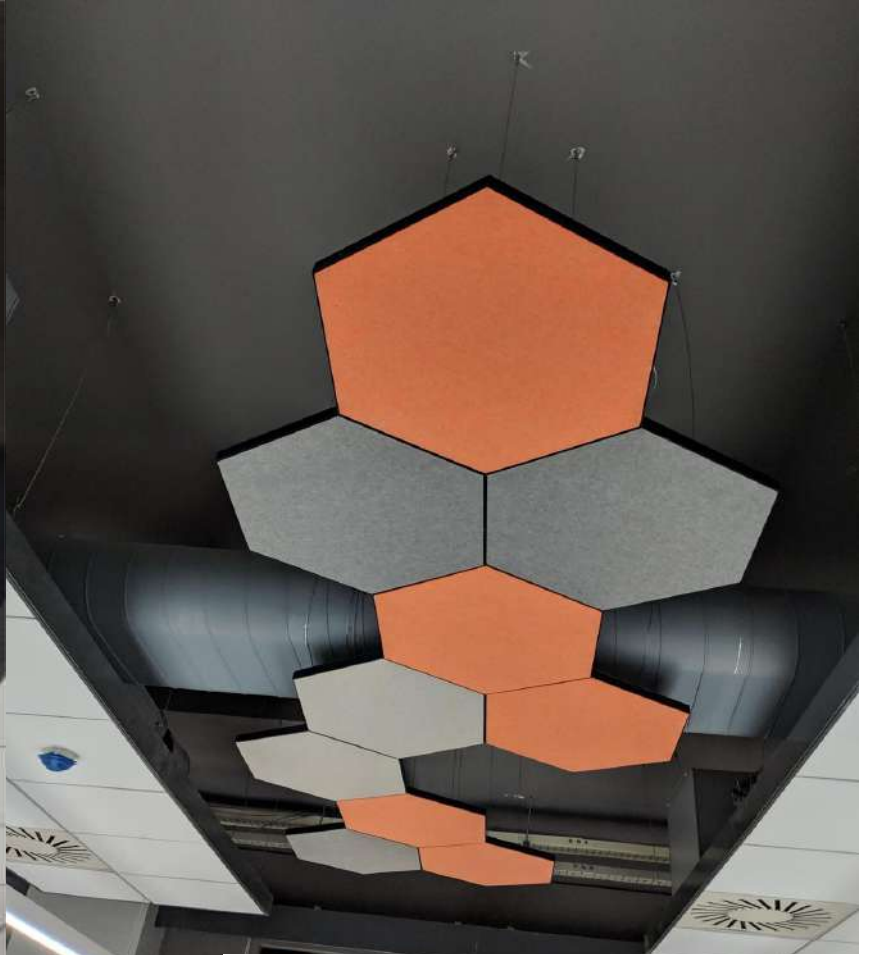
ACOUSTIC FLOAT





ACOUSTIC FLOAT





ACOUSTIC FLOAT



ACOUSTIC CELL CEILING



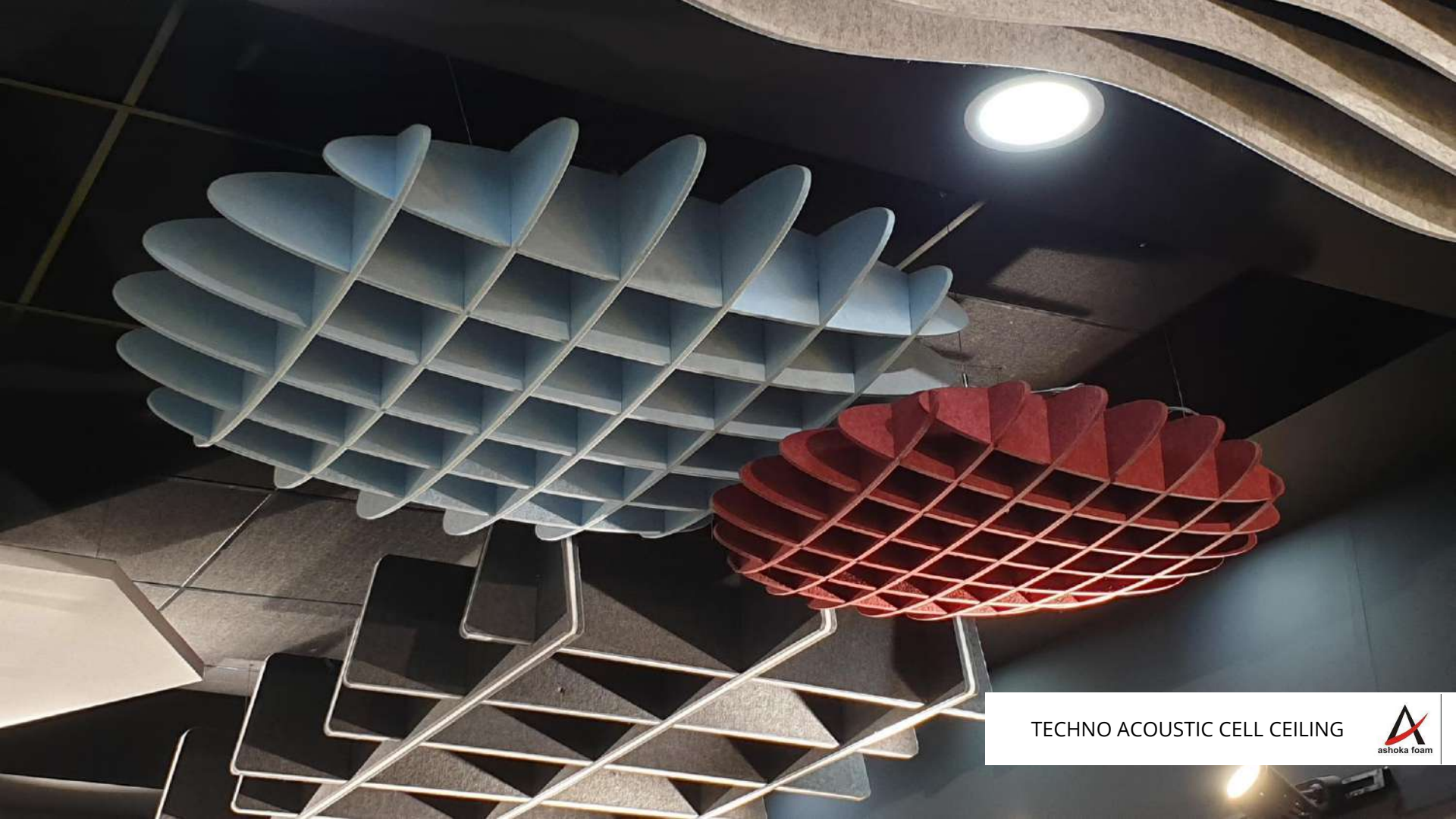
ACOUSTIC CELL CEILING



ACOUSTIC CELL CEILING



ACOUSTIC CELL CEILING



TECHNO ACOUSTIC CELL CEILING





ACOUSTIC SCREEN



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BAREILLY

(+91) 80060-06239

(+91)80060-06234

www.ashokafoam.com

info@ashokafoam.com,

flooring@ashokafoam.com