



**avesonus**

# **AVESONUS TECHNOLOGY & CONSULTING**

## **PRE QUALIFICATION DOCUMENT**

**[www.avesonus.com](http://www.avesonus.com)**

# CONTENT

- 01** ABOUT US
- 02** METHODOLOGY
- 03** ASSOCIATES & BRAND PARTNERS
- 04** OUR STRENGTHS
- 05** OUR SERVICES
- 06** OUR PRODUCTS
- 07** PROJECT LIST
- 08** CONTACT US



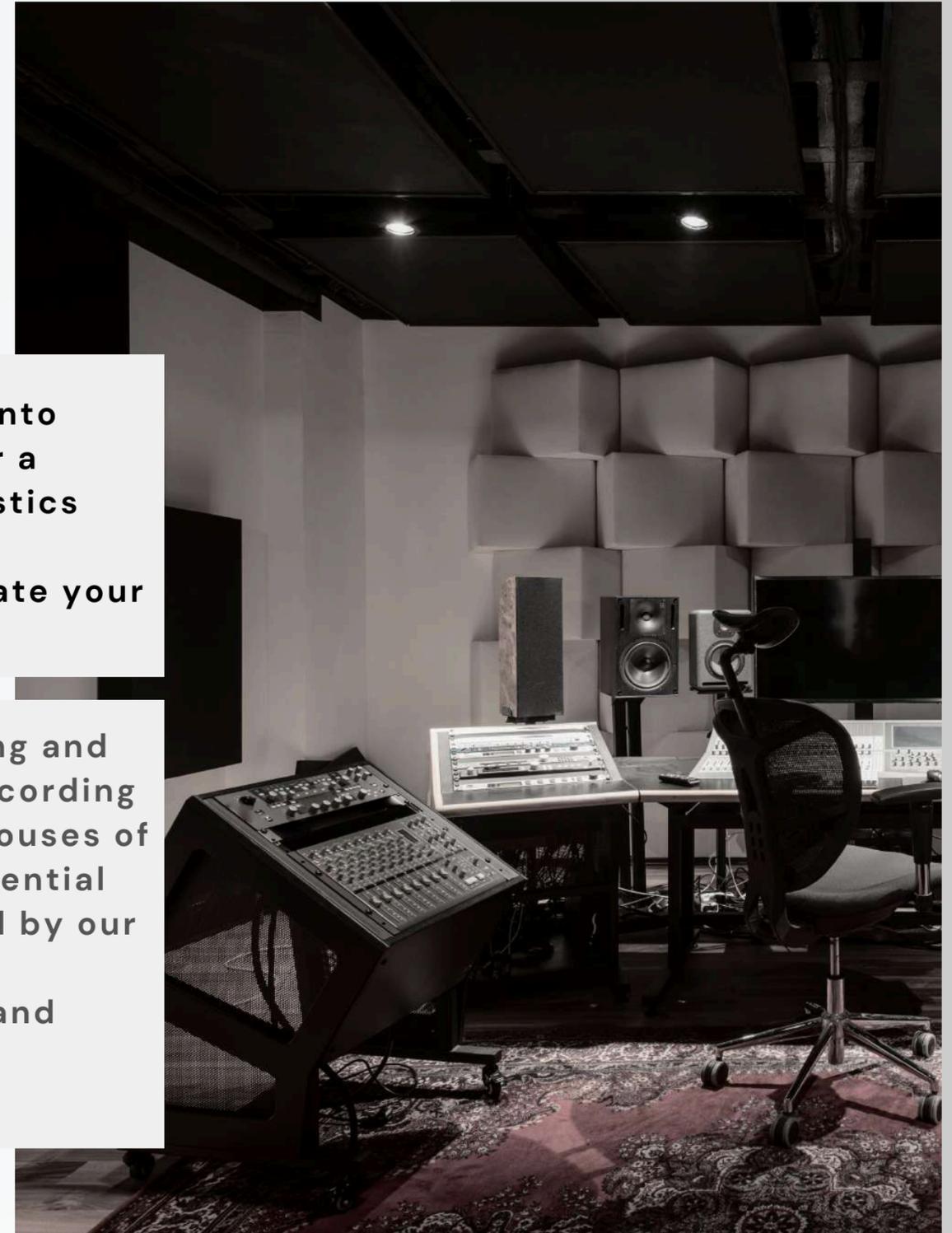
# ABOUT US



At Avesonus, we believe in transforming your spaces into sonic sanctuaries. Whether it's a cozy home cinema or a sprawling corporate auditorium, our top-quality acoustics marry superior function with great design. Experience custom-built and advanced sound solutions that elevate your auditory journey.



We have provided full architectural acoustic consulting and engineering services for several projects, including recording studios, performance venues, educational facilities, houses of worship, media and post-production complexes, residential listening rooms and home cinemas. Our work is unified by our determination to push the boundaries of acoustic and architectural design, creating spaces for both public and private audiences that are visually stimulating, technologically sound, and acoustically inspiring.

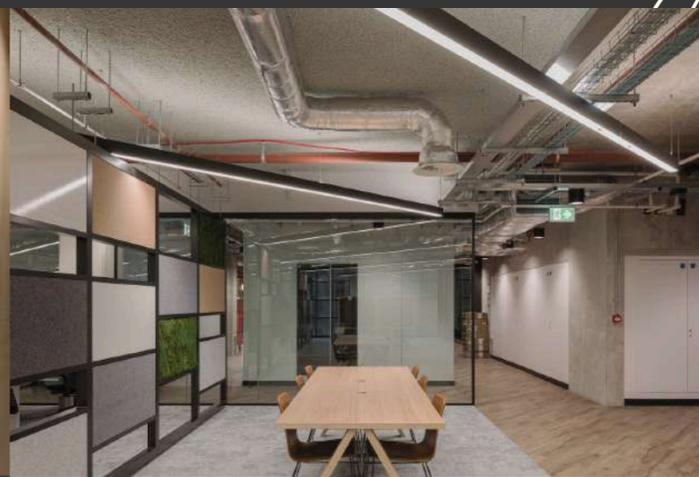




# ASSOCIATES & BRAND PARTNERS



# OUR STRENGTHS



## ARCHITECTURAL ACOUSTICS AND SOUND PROOFING



CINEMA THEATER / AUDITORIUM



HOME CINEMA / MEDIA ROOMS / AUDIOPHILE LISTENING ROOMS



## RECORDING AND AUDIO POST-PRODUCTION STUDIOS



# BROADCAST STUDIO SOLUTIONS



**INDUSTRIAL NOISE AND VIBRATION CONTROL**



# OUR SERVICES

01

ARCHITECTURAL  
ACOUSTICS

*Industry's leading experts on soundproofing, acoustics, noise control and vibration control. All our products have independent sound and flammability tests.*

02

ANALYSIS, TESTING,  
DESIGN, &  
SCHEMATICS

*Design, planning, selection of materials and preparing detailed BOQ. Acoustic analysis, measurement and reports.*

03

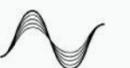
MEDIA SYSTEM  
ENGINEERING

*Independent engineering and design services for audio and video in a wide variety of segments.*

04

BUILD AND  
CONSTRUCTION

*Integration of acoustics and/or AV systems, with skilled workmanship and professionals*



avesonus

# OUR PRODUCTS



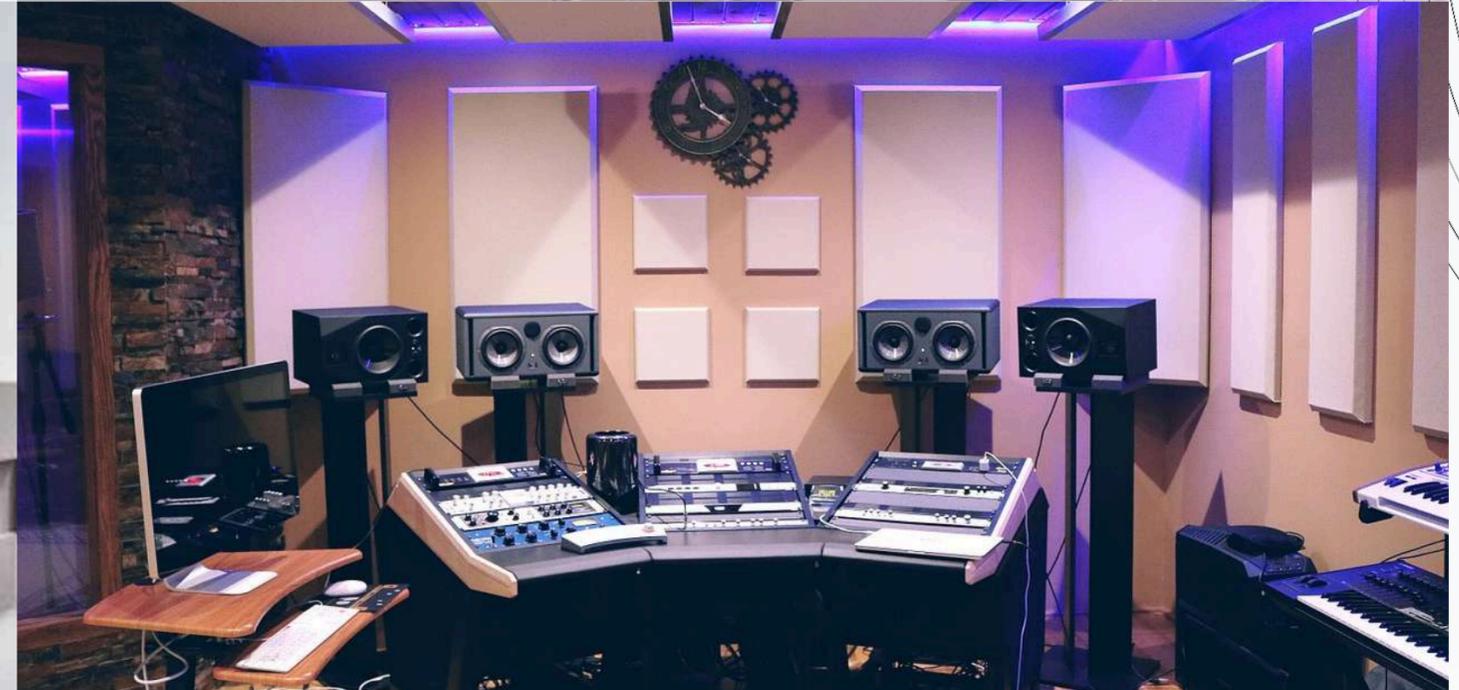
# ARCHITECTURAL SOUND PROOFING

- Architectural acoustics and soundproofing involves , wall partitions, floating floors , acoustic floors in order to achieve noise and vibration control.
- While soundproofing is the process of keeping noise in or out of a space, absorption addresses the way noise reflects within a room. Absorbing noise provides a way to dampen unpleasant noises in the environment.



# FABRIC ABSORPTION PANELS

- Fabric acoustic panel is one of the most popular sound absorption materials for acoustic room treatment. The panel has been designed in such a way that it provides excellent sound absorption and enhances the decoration of any room. It makes easy for designers to choose from a large variety of fashionable fabrics.
- NRC ranging from 0.7 to 1.0



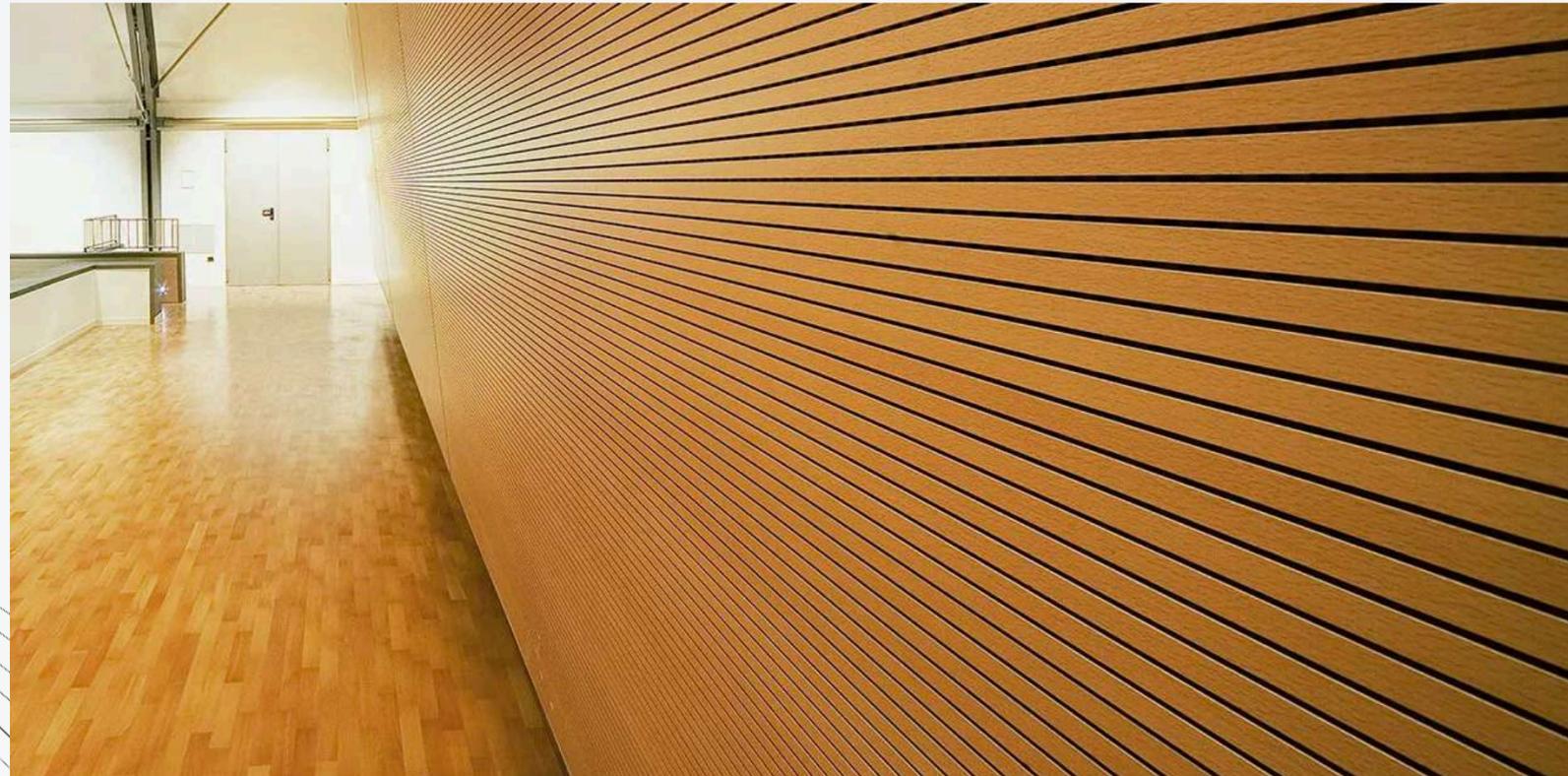
# PET ABSORPTION PANELS

- PET Polyester Acoustic Panels are an acoustically absorbent panel made from 100% PET plastic with a felt-like finish. These Polyester Acoustic Panels are Porous in nature which makes it ideally suitable for Acoustic Treatment, sound absorption, Heat and thermal insulation.
- These can also be grooved, through cut or UV printed
- NRC ranging from 0.4 to 1.0



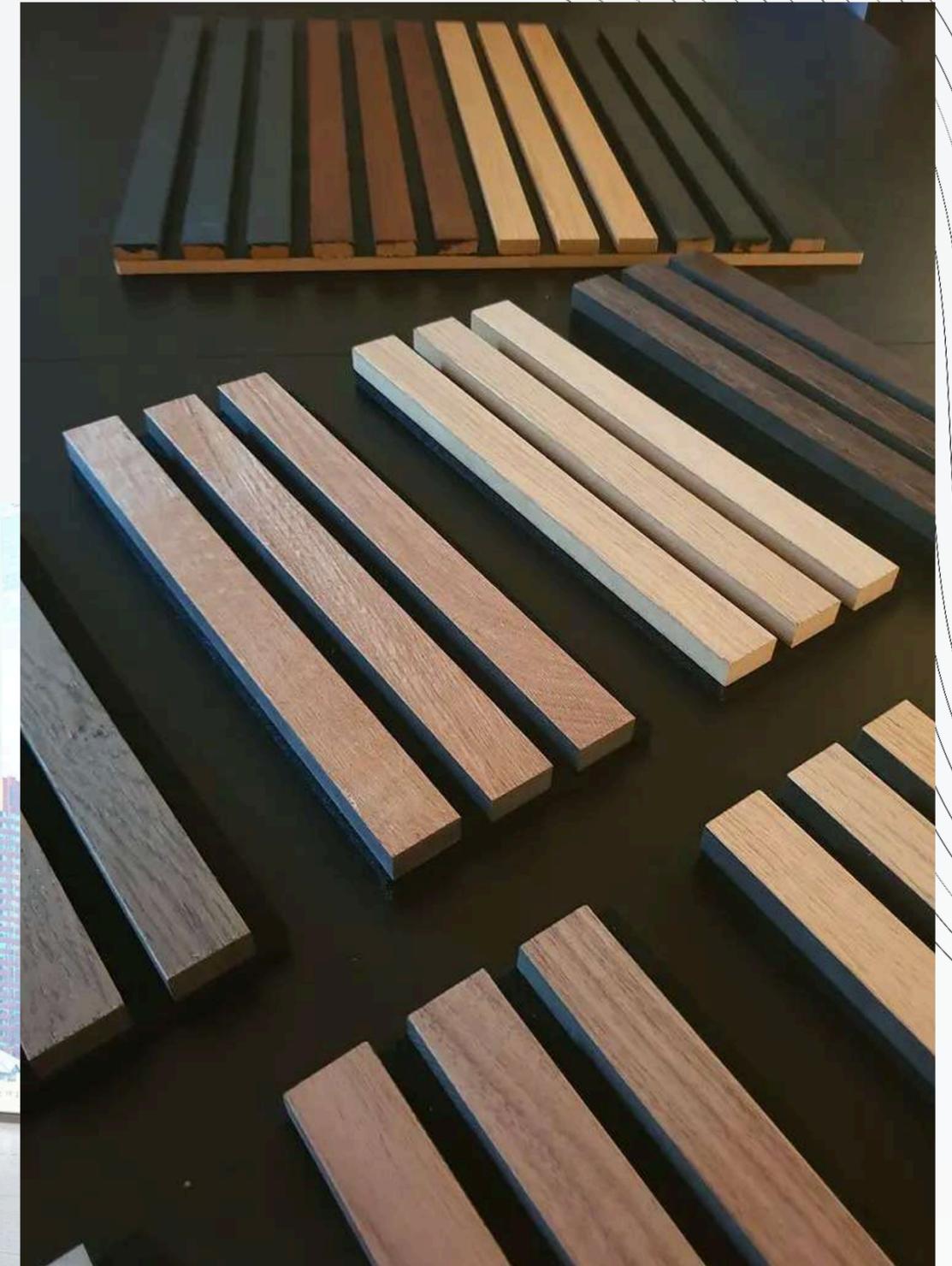
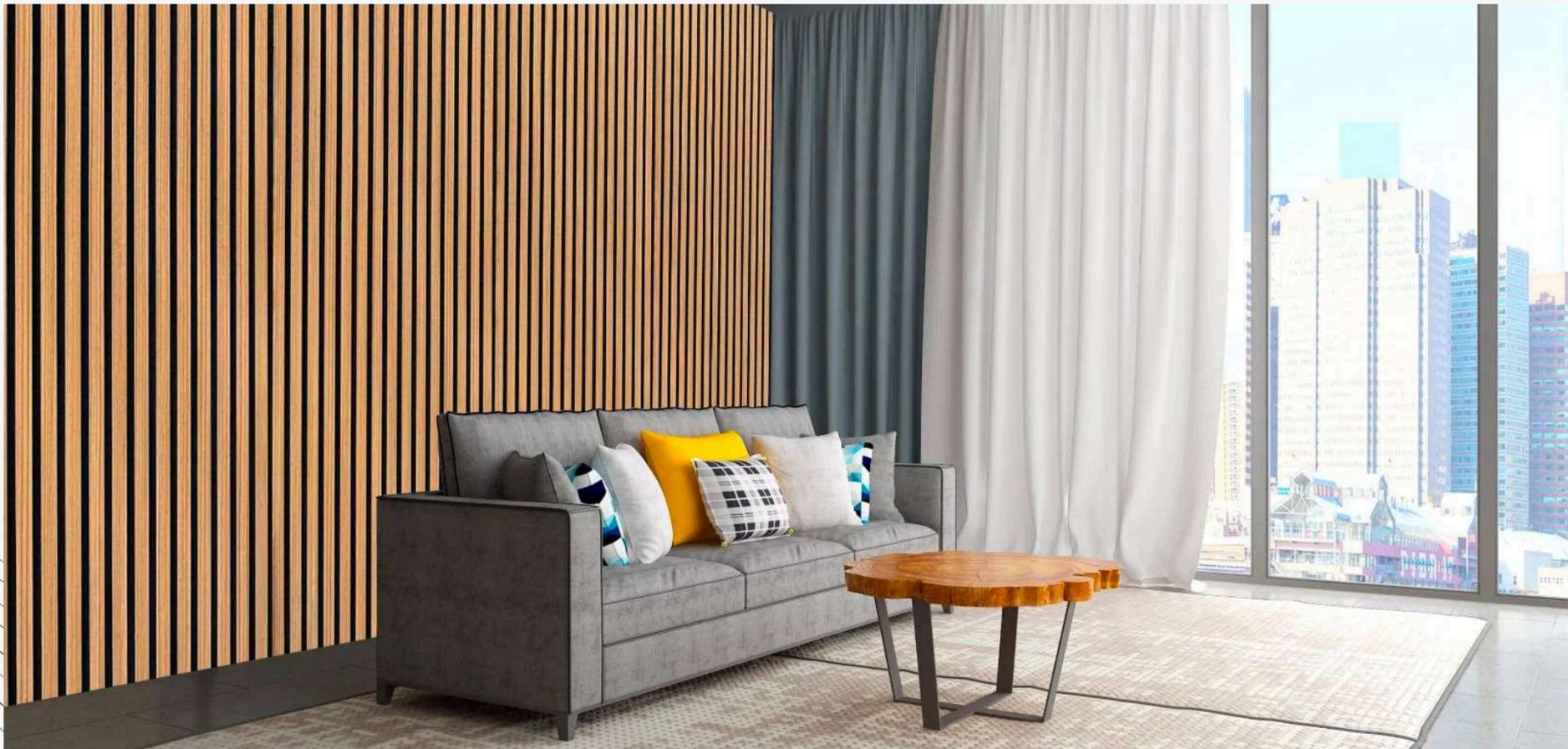
# WOODEN SLATS

- Perforated wooden slats combine the best of aesthetics and sound absorption. We can provide perforations/slots based on your style/design needs. Perforated wood paneling offers a rustic look to almost all building structures, such as auditoriums, offices, gymnasiums, and concert halls.
- Wood Slats are MDF Grooved panels, used to decorate walls. wooden acoustic panels are useful for reducing reverberant sound levels.
- NRC ranginf from 0.8 to 1.0



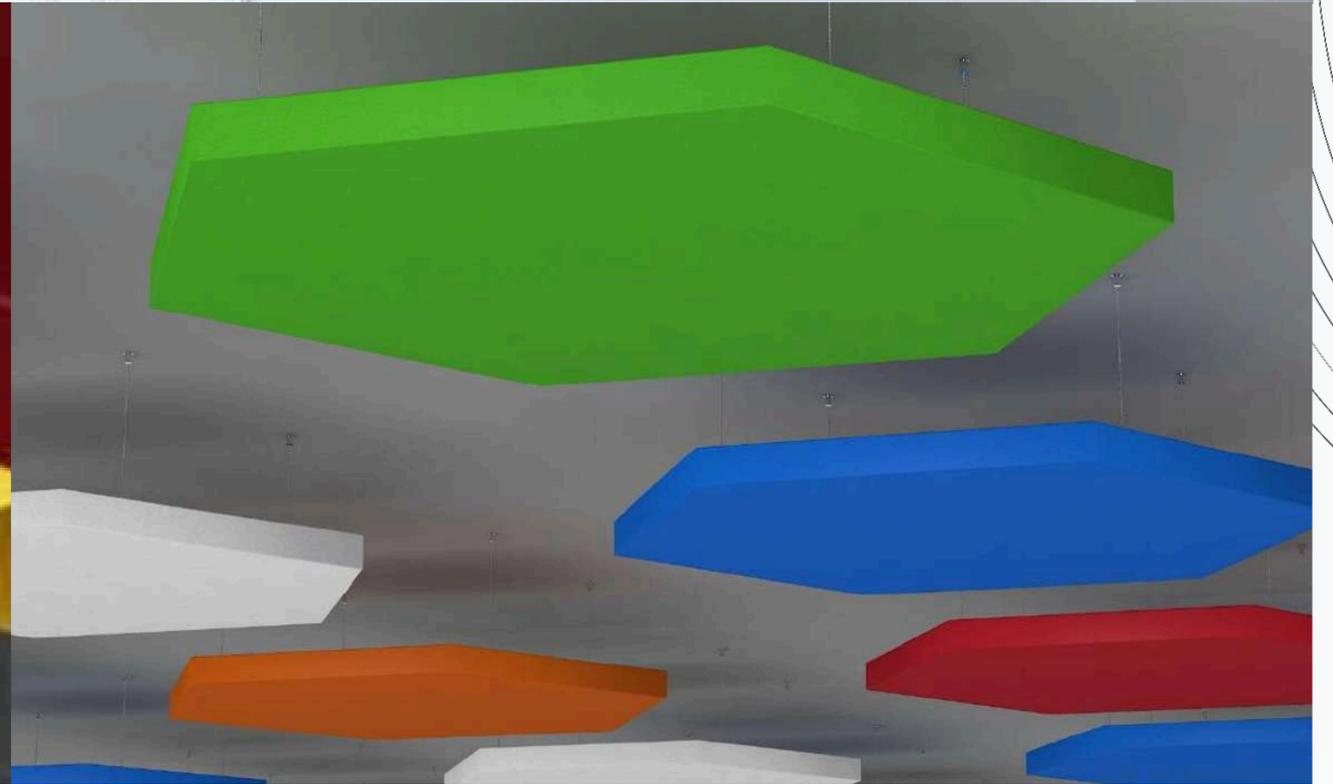
# ACOUSTIC WOODEN FELT

- The Acoustic Wooden Felt panel is a combination of MDF slats and PET panel.
- Featuring a beautifully designed wood strip decorative wall and ceiling panel which boasts high-quality acoustic properties.
- Wood Slats are MDF Grooved panels, used to decorate walls. wooden acoustic panels are useful for reducing reverberant sound levels.
- NRC ranging from 0.7 to 1.0



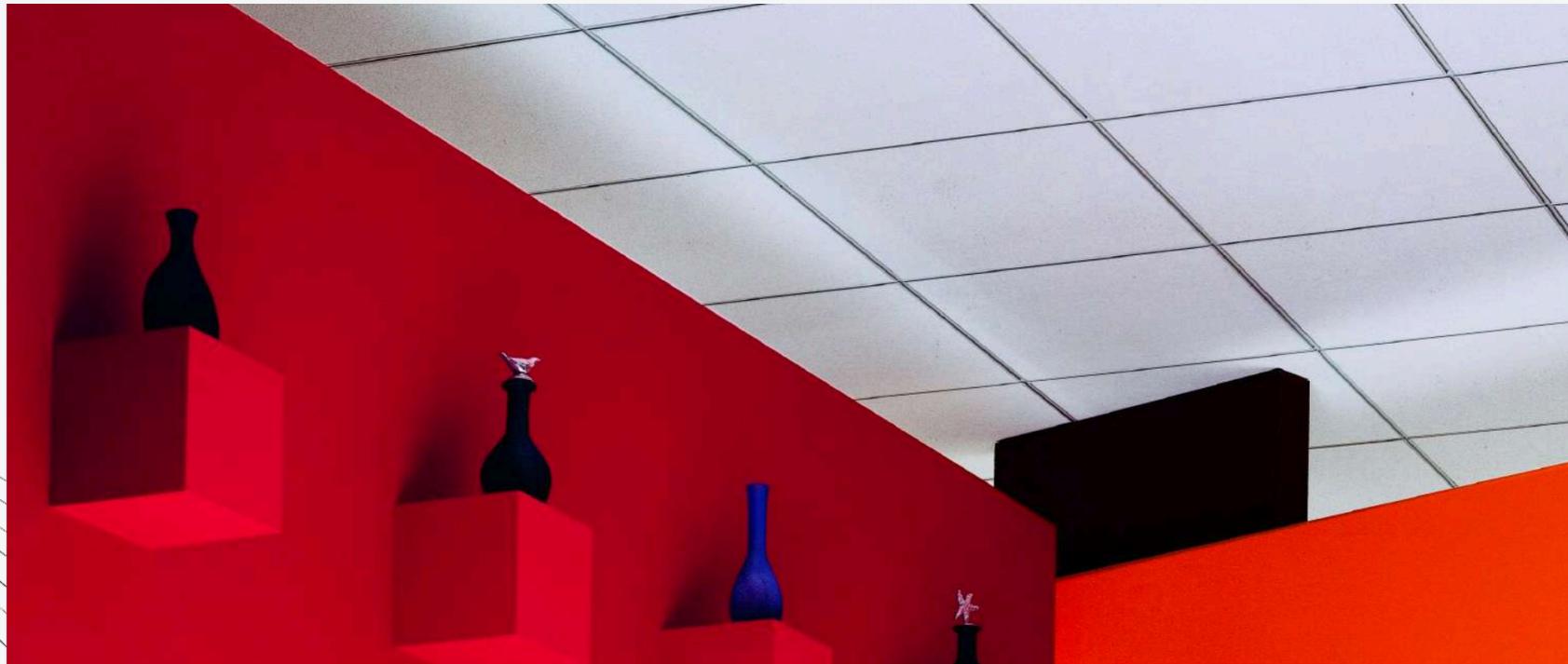
# ACOUSTIC CEILING BAFFLES

- Acoustic baffles are hung from ceilings to absorb sounds and reduce reverberation and echoes. They are used in large, open spaces like shopping centres, sports halls, concert halls, gymnasiums, hotel lobbies and manufacturing plants.
- Available in a variety of core materials such as PET Panel, Glass-wool, Polyesterwadding.
- Felt or Fabric finishes available
- NRC ranging from 0.8 to 1.0



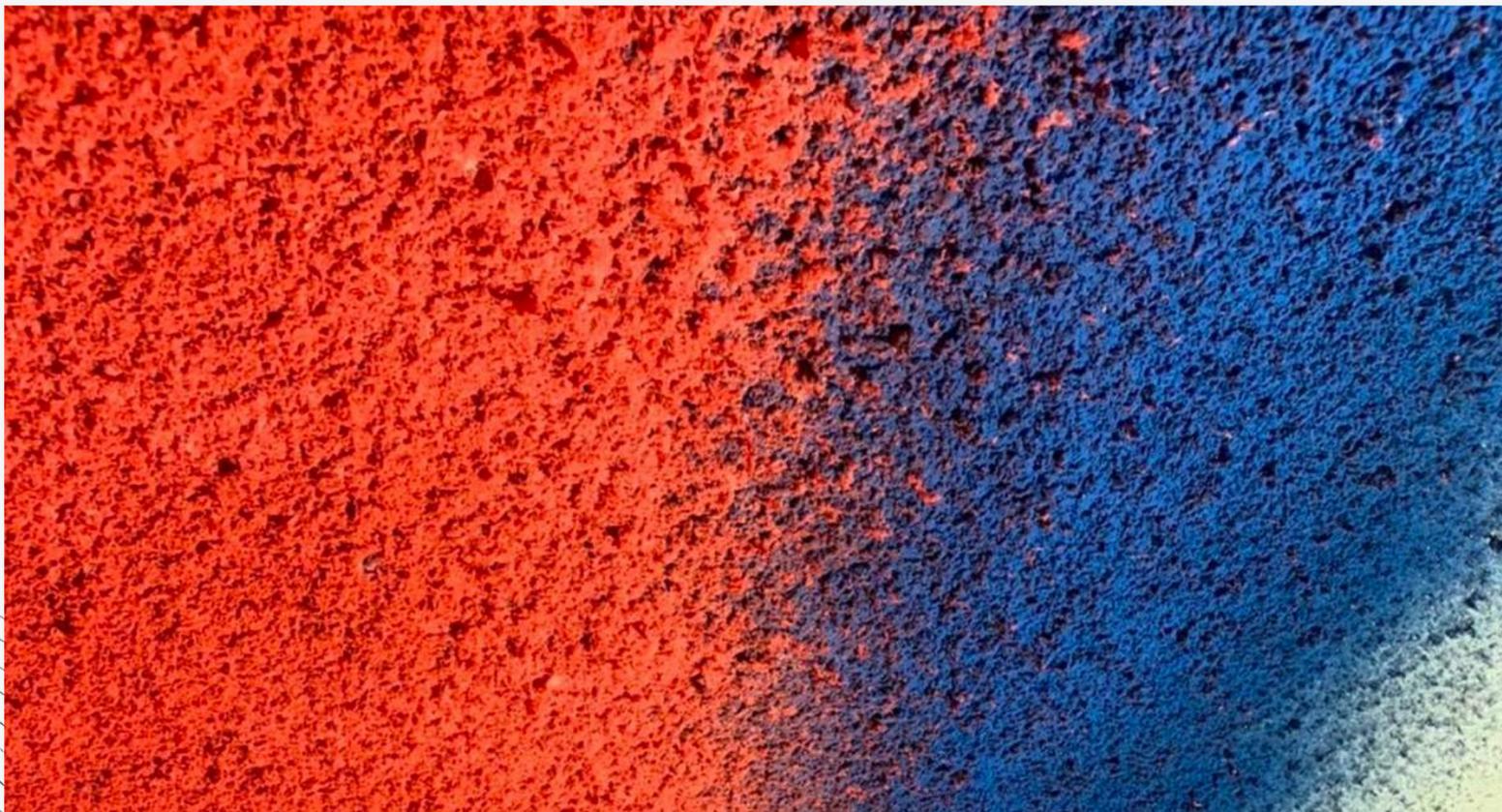
# ACOUSTIC GRID CEILINGS

- Acoustic Ceiling Tiles are an easy and effective way to reduce the echo in a noisy room by using your existing drop ceiling grid. Our acoustic ceiling tiles can lay right into an existing T-bar suspended ceiling grid system
- The core material can vary from rockwool, glass-wool or polyester-wadding.
- NRC ranging from 0.7 to 1.0



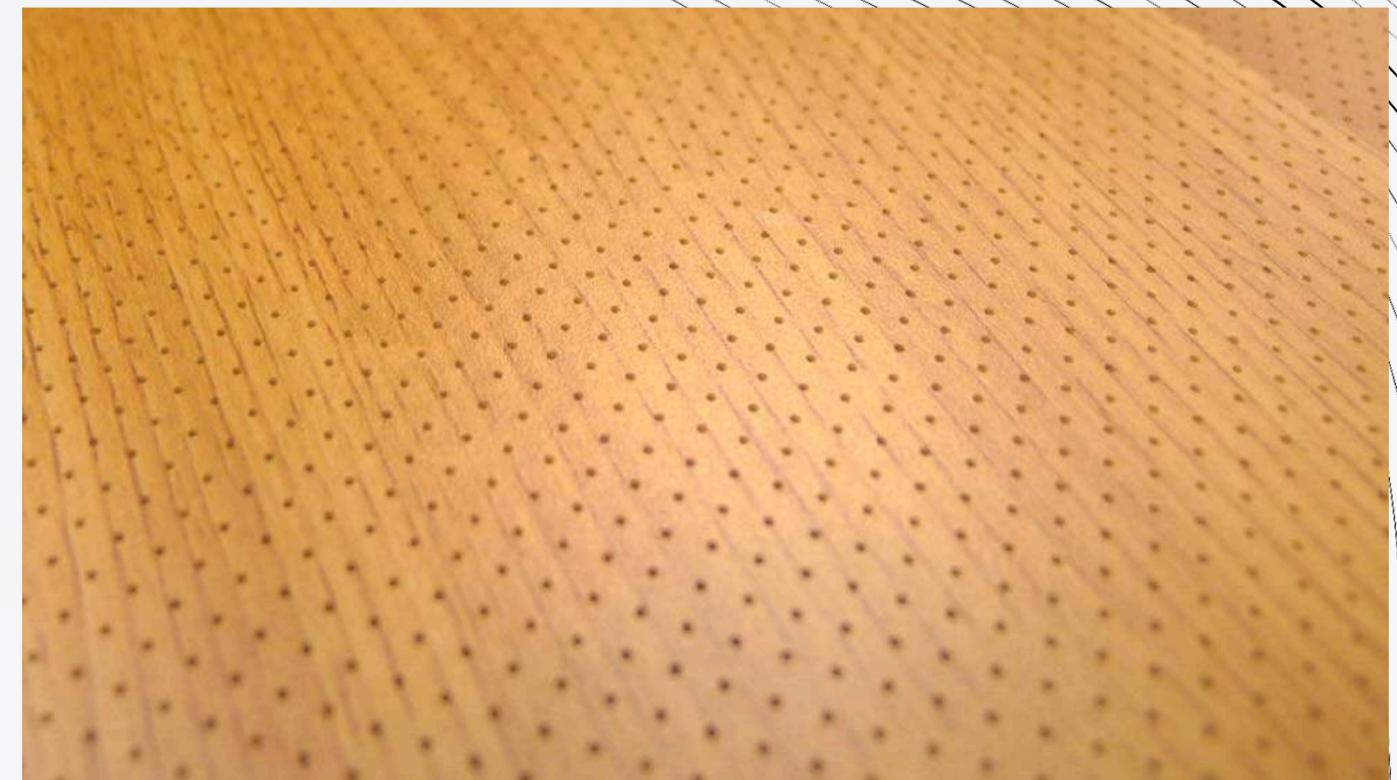
# ACOUSTIC PLASTER SPRAY

- An acoustic spray plaster solution is an extremely flexible seamless sound absorption solution.
- Acoustic plasters consist of a base layer of absorptive substrate panels, which are typically mineral wool, or a non-combustible inorganic blow-glass granulate. A first finishing layer is then applied on top of the substrate panels and when dried, any RAL color can additionally be applied.
- NRC ranging from 0.7 to 1.0



# MICRO PERFORATED ACOUSTIC PANELS

- Microperforated panels (MPP) are acoustic absorbers that are reclaimable, noncombustible, and environmentally friendly. Sound is attenuated due to viscous friction in the submillimeter size pores. The panels are typically spaced from a hard surface.
- Perforation diameter 0.5mm onwards
- NRC upto 0.85



# ACOUSTIC FOAMS: PU & MELAMINE

- Acoustic foam is a lightweight material made from polyurethane (either polyether or polyester) or extruded melamine foam. It is usually cut into tiles. One surface of these tiles often features pyramid, cone, wedge, or uneven cuboid shapes. Acoustic foam tiles are suited to placing on sonically reflective surfaces to act as sound absorbers, thus enhancing or changing the sound properties of a room.
- Fire Rated
- NRC ranging from 0.5 to 1.0



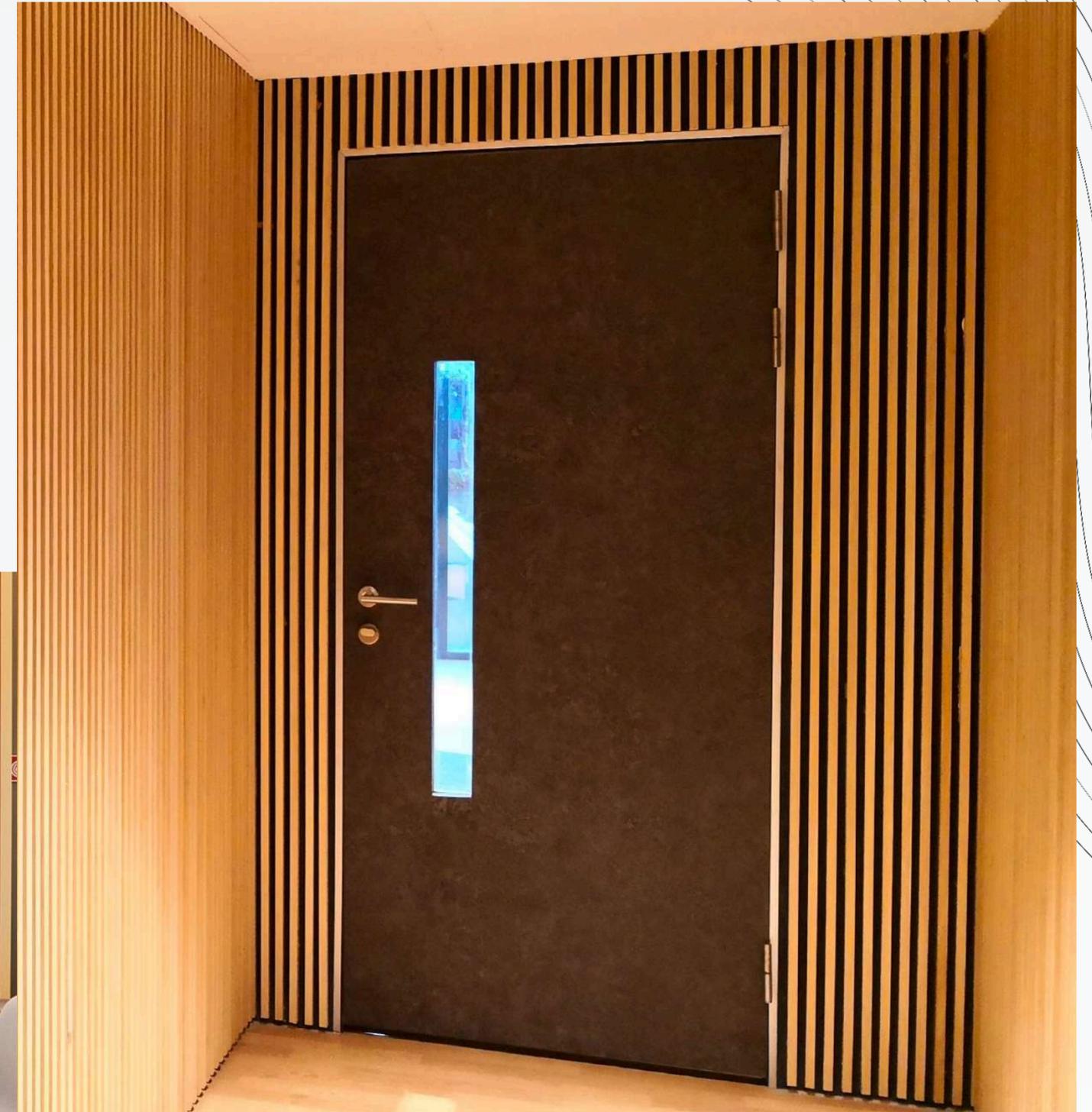
# ADVANCED MODULAR ACOUSTICS

- The modular acoustical devices are higher in resolution and are more suited for critical listening spaces such as, Home Cinemas, Audiophile listening rooms, Recording, Broadcasting and Audio Post-Production Studios.
- Devices range from QRD, PRD Diffusers to diffuse sound energy, Membrane/Diaphragmatic Absorbers to control room modes and absorb low frequencies.
- NRC ranging from 0.7 to 1.0



# ACOUSTIC WOODEN DOORS

- An acoustic door is designed to mitigate the transmission of sound between rooms or areas. It is constructed using special techniques and materials that enhance its soundproofing capabilities. The door frame, core, and surface are engineered to reduce sound vibrations and prevent noise leakage.
- Acoustic doors are useful to control noise transfer from one room to another room/meeting room, Conference room, outside noise control, studio purpose, Cinema hall, and at many other places.
- STC 45 - 50dB



# SOUND BARRIERS: EXTERIOR/INTERIOR

- The sound barrier curtains can be custom fabricated to almost any application. These noise blocking blankets can be used in interior and exterior applications.
- Used as an economical, effective noise barrier and sound absorber to enclose many types of noise sources.
- Class A Fire Rated per ASTM E84.
- STC 29 - 37dB
- NRC 0.7 - 0.85



# PROJECT LIST

## TURN KEY PROJECT LIST:

- 1.AZIM PREMJI FOUNDATION [Wipro] [St. Marks road] : Conference Room Soundproofing [Year 2022]
- 2.Azim Premji University [Sarjapur] : University Laboratory Acoustic Reverberation Treatment [ Year 2024]
- 3.MUZICO [Golden Baritone Initiative] Koramangala: Professional Audio Recording Studio / Chroma Key Studio [ Year 2019]  
<http://www.muzico.in>
- 4.MUZICO VOICE DUBBING STUDIO [2021]
- 5.POORVI DIGITAL [Sheshadripuram]: VOICE DUBBING STUDIO [2021]
- 6.FUTURE SURROUND [Sarjapur]: 5.1 Dolby Pre-Mix Film Sound Mixing Studio [2023]  
<http://www.futuresurround.com>
- 7.MEGALO SOUND [Kothanur]: 5.1 Dolby Film Sound Mixing Studio [2023]  
<https://www.megalosound.com>
- 8.ICAR- National Institute of Animal Nutrition & Physiology  
(ICAR-NIANP) AUDUGODI [Govt. of India]: [Year 2022]  
AUDITORIUM : Acoustics and AV integration  
Vendor: PWD Contractor
- 9.CANDOR INTERNATIONAL SCHOOL  
Acoustics: Rehearsal Space for Music  
<http://candorschool.edu.in>

## CONSULTATION PROJECTS:

- 1.Google Studio; Bangalore [Year 2020]: [Lab Testing for Reverberation time]; Vendor:: K.C Computers
- 2.Infosys Bangalore [Year 2020] : [Acoustic commissioning report] ; Vendor: Corcusant LLP
- 3.Honeywell Technology Solution Lab [Year 2021] ; Vendor: Syeta Technologies Pvt Ltd.
- 4.National Institute of Technology [Govt. of India] [Year 2021] ; Vendor: Surabhi Associates

# CONTACT US

Address: 18A, Doddanekunde Industrial Area,  
Whitefield road, Bengaluru, Karnataka  
INDIA - 560048

Email: [info@avesonus.com](mailto:info@avesonus.com)

Website: [www.avesonus.com](http://www.avesonus.com)

Contact: +91 90369 12304



avesonus