

AUDION ACOUSTICS

Immersive Sound. Elevated Living.

www.audion.in



WHO WE ARE

With a passion for sound and a commitment to precision, our team focuses on creating spaces that not only look beautiful but also sound exceptional. From acoustic paneling and soundproofing to customized audio solutions, we combine innovative design with advanced technology to achieve the best listening experience.

At Audion Acoustics, every project is crafted with attention to detail, ensuring clarity, comfort, and acoustic excellence. Whether it's a large auditorium or a private studio, we transform spaces into perfectly balanced sound environments.

Experience the difference of sound engineered to perfection.



IMMERSIVE SOUND. ELEVATED LIVING.

KEY VALUES

INNOVATIVE SOLUTIONS

In today's digital age, marketing evolves rapidly. Shodwe Group stays ahead by analyzing trends and leveraging tools to maximize your reach. From social media to personalized customer experiences, we craft strategies that matter.

QUALITY

From the initial room analysis and 3D rendering to the final installation and calibration, we take full ownership of the process. We are committed to a seamless journey for our clients, ensuring the final result exceeds the initial vision.

CONSULTATION AND PROMPTNESS

Our goal is to create "soothing sound factories." Whether it's a high-energy home cinema or a focused corporate boardroom, we innovate with materials and layouts to ensure the environment enhances human comfort and productivity.

AESTHETIC INTEGRATION

Acoustics shouldn't come at the cost of style. We bridge the gap between sound engineering and interior design, creating solutions that are as visually stunning as they are sonically superior. We treat sound as a premium design element.

SERVICES WE OFFER

With a passion for sound and a commitment to precision, our team focuses on creating spaces that not only look beautiful but also sound exceptional. From acoustic paneling and soundproofing to customized audio solutions, we combine innovative design with advanced technology to achieve the best listening experience.

At Audion Acoustics, every project is crafted with attention to detail, ensuring clarity, comfort, and acoustic excellence. Whether it's a large auditorium or a private studio, we transform spaces into perfectly balanced sound environments.

Experience the difference of sound engineered to perfection.

- **ACOUSTIC CONSULTATION**
- **ACOUSTIC TREATMENT AND ENGINEERING**
- **ARCHITECTURAL SOLUTIONS**
- **ACOUSTIC PRODUCT MANUFACTURING**
- **HOME THEATER INSTALLATION**

SEGMENTS

Offices, Conference Rooms, Home Theater, Teleconferencing, Videoconferencing, Broadcast and Recording Studios, Restaurants, stadium, Theaters etc

PET PANELS

AUDION PET Panel Acoustic panels are designed to reduce reverberation and sound reflections in any room. Audion PET panels are an excellent choice for both Ceiling and Wall Applications comes in variety of colors, designs .



SPECIFICATIONS

Thickness -9/10/12 mm

Size-1200mmx2400mm

Grooving possible

Material: 100% Polyethylene Terephthalate (PET) felt.

Recycled Content: Minimum 60% post-consumer recycled material (from PET bottles).

Finish: Matte, non-reflective fibrous texture with consistent color through the core.

Physical & Acoustic Properties

Density: Approximately 2.4 kg/m² (2000 g/m²).

Acoustic Performance (NRC): * Direct Fix: 0.40 – 0.45 NRC.

With Air Gap (Baffle configuration): 0.75 – 0.90 NRC (depending on spacing and depth).

Fire Rating: Class A / ASTM E84 or EN 13501-1 Class B-s1, d0.

VOC Emissions: Low VOC; Formaldehyde-free and Red List Chemical free.

NRC-UPTO 0.8

OPEN CELL CEILING

AUDION acoustic open cell grid ceiling is a specialised sound-absorbing treatment suspended horizontally from a ceiling to reduce reverberation and control noise in open spaces. This dual-sided absorption makes them highly efficient at managing mid-to-high frequency reflections and "slap echoes" that typically occur between hard floors and high ceilings. Frequently used in offices, studios, and home theatres, they offer a versatile architectural solution that improves speech intelligibility and acoustic clarity without requiring full wall-to-wall coverage. Available in a wide variety of sizes and colors

SPECIFICATIONS

Material: 100% Polyethylene Terephthalate (PET) felt.

Thickness: 9 mm (Standard tolerance (pm 0.5 mm). SIZE-300mmx300mm grid with Height 300 mm

Finish: Matte, non-reflective fibrous texture with consistent colour through the core. SHADE-As per selections

Physical & Acoustic Properties

* Density: Approximately 2.4 kg/m (2000 g/m?).

* Acoustic Performance (NRC): * Direct Fix: 0.40 - 0.55 NRC.

* With Air Gap (Baffle configuration): 0.75 - 0.90 NRC (depending on spacing and depth).

* Fire Rating: Class A

* VOC Emissions: Low VOC; Formaldehyde-free and Red List Chemical-free.

Design & Fabrication

Joinery Type: Friction-fit "Egg-crate" interlocking joinery.

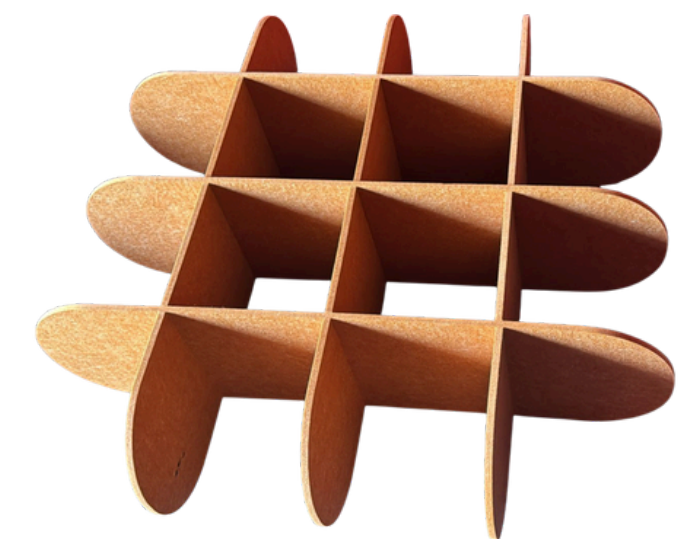
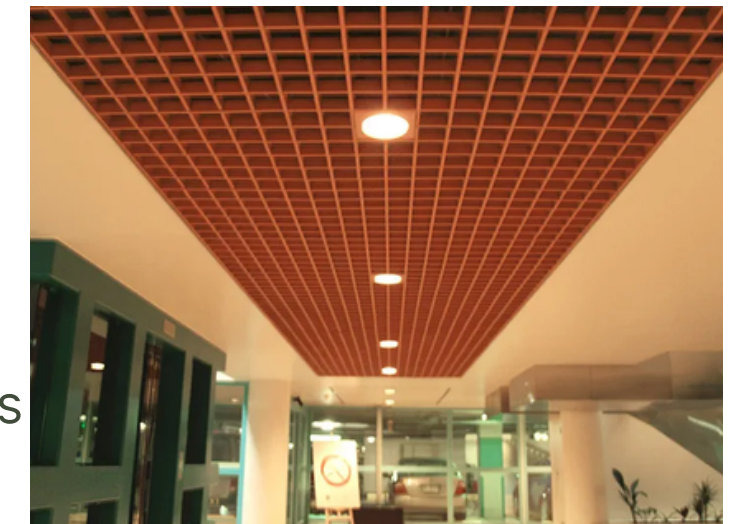
Slot Width: Precision CNC-cut tight friction fit for the 9 mm panels.

Edge Detail: Square-cut or chamfered edges available via CNC routing.

Installation Requirements

Mounting Options: Suspended via adjustable cables using L clamps or butterfly clips

Maintenance: Vacuum regularly to remove dust



NRC-UPTO 0.8

BAFFLES

AUDION Acoustic Ceiling BAFFLES are an effective, economical acoustic treatment that suspends from the ceiling to increase speech intelligibility and sound clarity. The System is composed of individual, Acoustically absorptive baffles with different edge finish to Create a continues Open Ceiling over different colors.

SPECIFICATIONS

- . Length max : Up to 2400mm
- . Height: 150mm ,200mm ,300mm,400mm & 600mm
- . Thickness :25/40mm / 50 mm
- . Felt Shade : As per selection
- . finish : Non-Woven Felt, PET



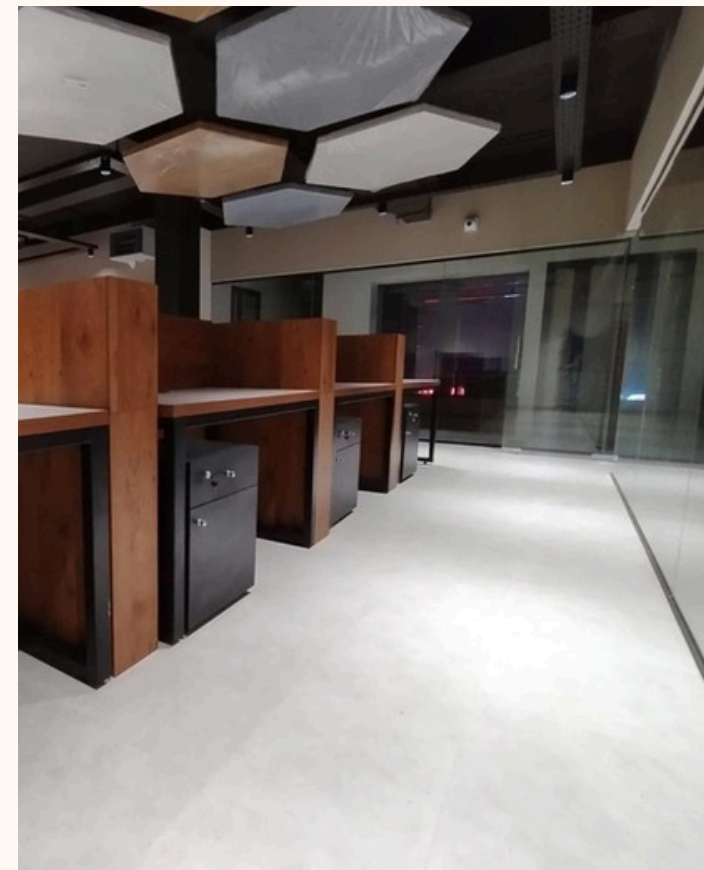
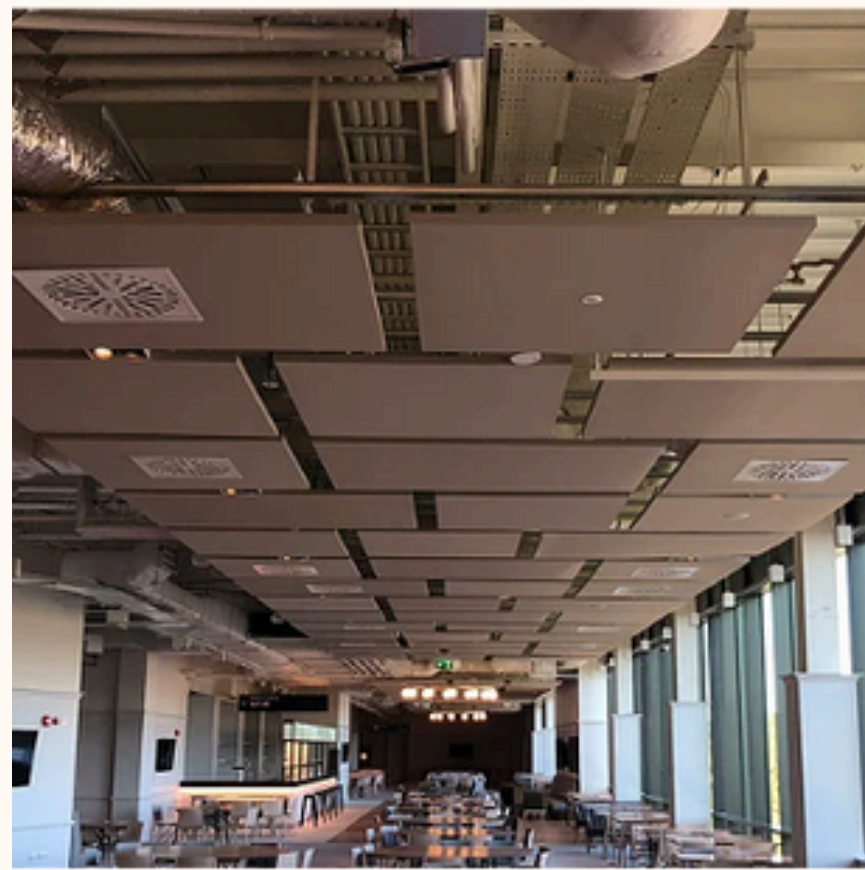
NRC-UPTO 0.8

CLOUDS

AUDION Acoustic CLOUD Ceiling are an effective, economical acoustic treatment that suspends from the ceiling to increase speech intelligibility and sound clarity. The System is composed of individual, Acoustically absorptive CLOUDS in different shapes with equal spacing

SPECIFICATIONS

- . Length max : Up to 2400mm
- . Height: 150mm ,200mm ,300mm,400mm & 600mm
- . Thickness :25/40mm / 50 mm
- . Felt Shade : As per selection
- . finish : Non-Woven Felt, PET



STRETCH FABRIC SYSTEM

AUDION Acoustic Fabric Panels give acoustical and aesthetic needs with their strong sound absorbing performance, durability, and elegant appearance. These panels are used for sound reduction and reverberation control. Available in a wide variety of sizes, and colors. AUDION Acoustic Fabric Wall Panels allow you to create an effective sound control treatment that is distinctly appropriate for your environment. These fabric wrapped sound panels come in multiple colors and finishes .

SPECIFICATIONS

Length max. Up to 2400mm

width Max.Up to 1200mm

Thickness:25mm,40mm,50mm

Custom Size also Possible

Fabric Shade: As per the selection

Surface finish: Woven Fabric ,

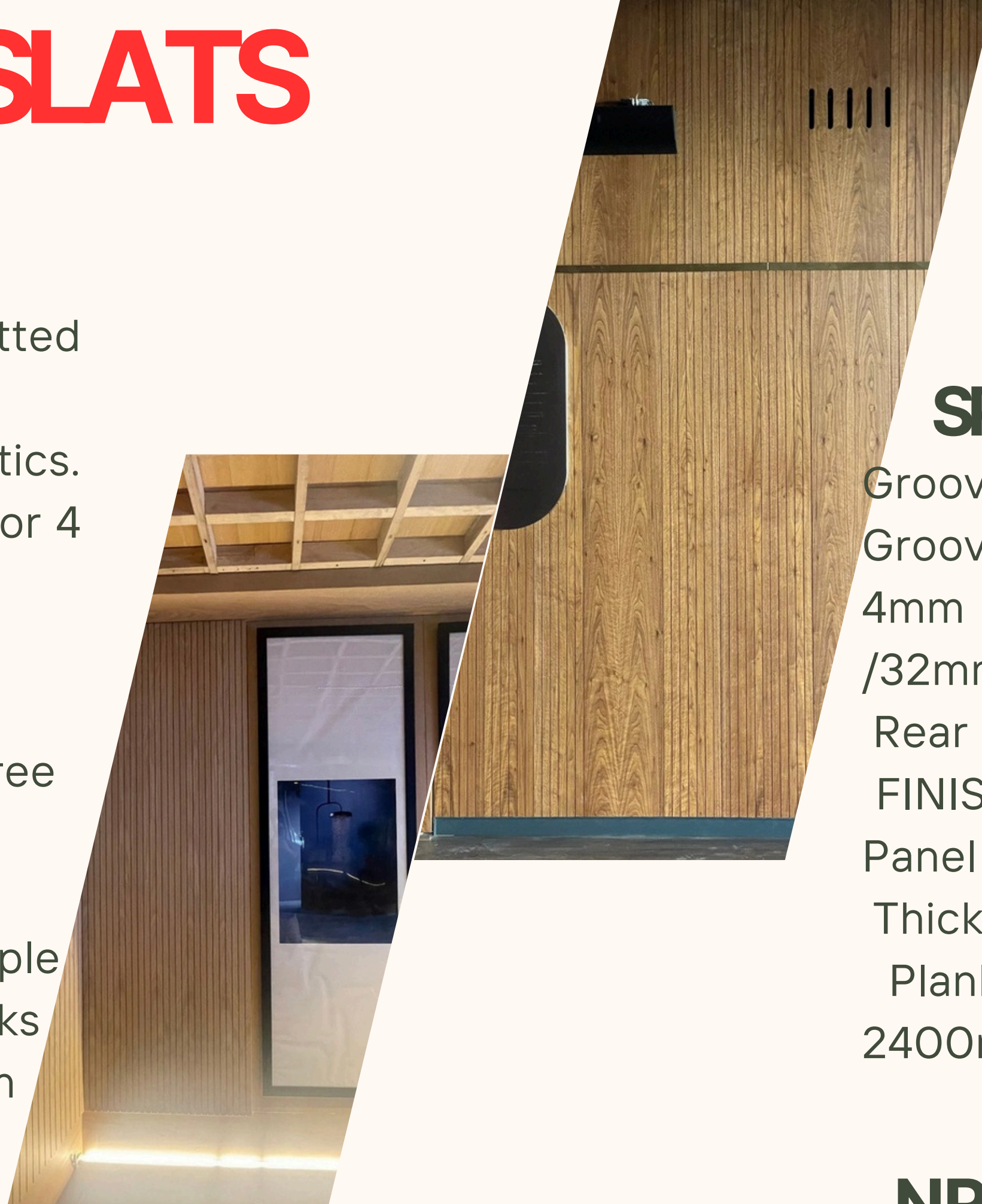
Non- woven Fabric,Edge

Finish : Square / Bevel

NRC-UPTO 0.8

WOODEN SLATS

AUDION Slotted Panel: slotted panel A
clean, linear approach to acoustics. Profiles are created with a 2,3 or 4 mm grooves with 6 Planks with tongue and groove connections. Planks result in an attractive surface with a joint-free appearance because the joint matches the dimension of the grooves. The Planks permit simple and flexible assembly. The planks can be installed using Aluminum Propertory Channels and Clip



SPECIFICATIONS

Groove Pitch : 16mm / 32mm

Groove width : 2 mm / 3mm /

4mm Rear Hole Pitch :16mm /32mm

Rear Hole Dia : 8mm /10mm

FINISH: Melamine / Paint /veneer
Panel

Thickness :12mm /15mm 17mm.

Plank Size :128mm / 224mm x
2400mm Or Custom Size

NRC-UPTO 0.8

WOODEN PERFORATED

AUDION Perforated panel clean, linear approach to acoustics which gives excellent acoustic performance and elegant look. The panels comes in different sizes and can be applied for both the walls and ceiling made with MDF Laminate finish.



SPECIFICATIONS

Pitch : 16mm / 32mm

Perforation Dia : 6mm / 8mm /10 mm /12mm/14 mm and 1 mm

Microperforation

Rear Hole Pitch : 16mm / 32mm

Rear Hole Dia : 8mm / 10mm

FINISH : Melamine /Paint / veneer
Panel

Thickness :12mm / 17mm, Custom
size Plank

Size : 128mm / 224mm x 2400mm

Or Custom Size Quick and easy

NRC-UPTO 0.8

FOAM PANELS

AUDION Foam Panel with Elegant look with excellent sound absorption properties are an excellent choice for wall and ceiling application.

SPECIFICATIONS

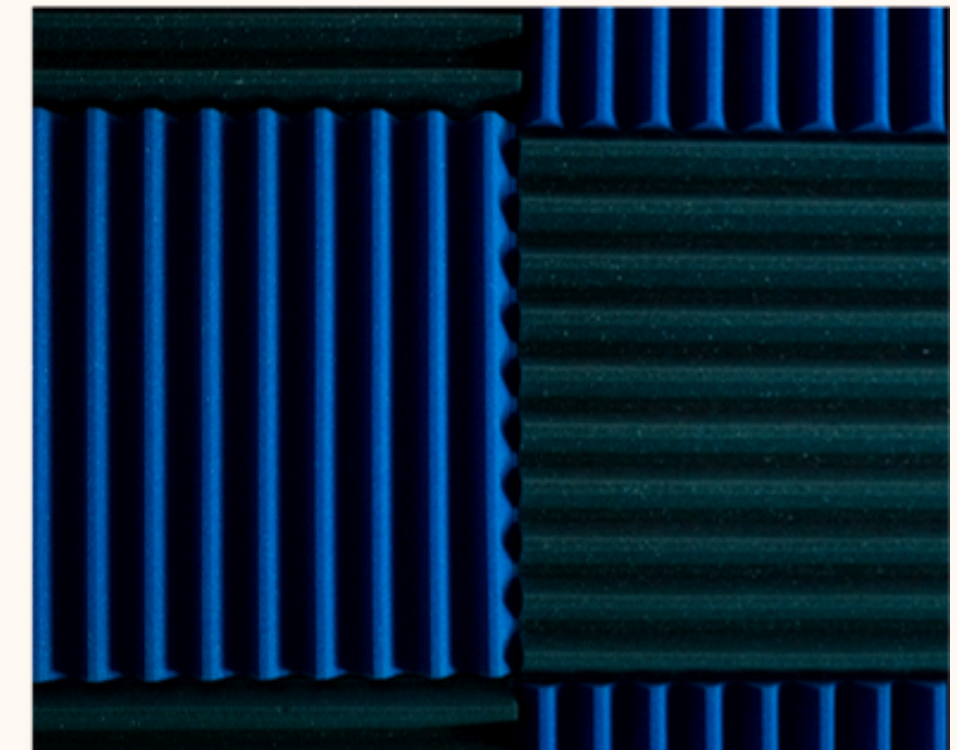
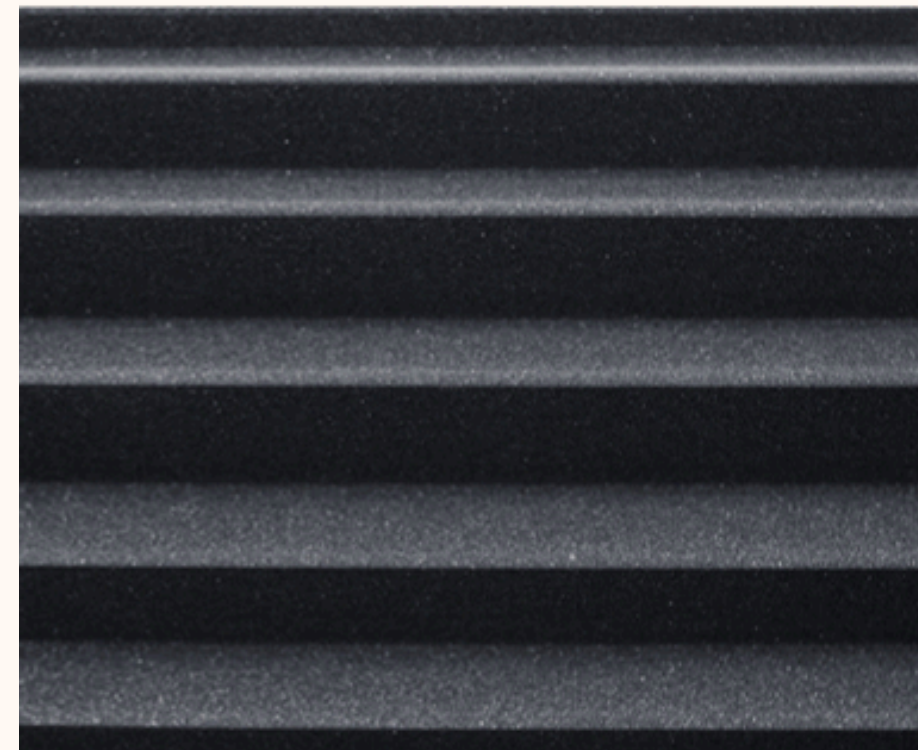
Thickness : 50 mm/40mm/100mm/125mm

Shapes :
pyramid/cadbury/wedge/Turbo/diffuser/
woodex

Shade : charcoal/orange/purple/blue &
wine Plank

Size : 1x1 feet, 2 x 2 feet, 6x3

feet :1 x 2 mtr and any custom



NRC-UPTO 0.9

ACOUSTIC DOOR

FEATURES

Sound Isolation STC upto 50 dB
,Fire Resistant, Impact resistant,
Elegant Look .

Frame work consists of wooden sections of size 150mm X 75mm (Nominal Finished Frame Section of 143mm X65mm) with self adhesive type Compression BATWING Seals on the perimeters of the Frame Rebets 2 layers (Note : Shutter is Double edged) . Fixing arrangements shall be by means of 8 no's of Fischer Screws of 125mm x 8mm . including 4 nos. of stainless steel ball bearing hinges of SS 304 quality of size 104mmX75mmX3mm thick to capable of taking load up to 120 Kg of the shutter with SS pin, lock strike plate, shock absorbers as specified. Shutter 60mm thick, of size as mentioned below made out of perimeter railing of Seasoned wood (Moisture contain limited to 18%) of size 100mmX20mm and Soft fibre board lined with Audion silence of 3 mm thick fixed either sides of boards on each side of the shutter framework using suitable fasteners and duly HOT PRESSED with 12mmHDF of density 850kg/M3 to get the require surface for Laminate/ Veneer/PET

SPECIFICATIONS Thickness - 40mm - 72mm Transmission - Up to 45dB (STC)



ACOUSTIC GRILLS

DESCRIPTIONS

AUDION ACOUSTIC GRILLES of Its linear look with excellent sound absorption properties is an excellent choice for both Ceiling and Wall Applications.

SPECIFICATIONS:

Thickness -20/25/35/40 & 50 mm

Shades -As per selection

Core material-MDF, Real Wood, WPC and Aluminium and

GI

Acoustic Infill- PET panel 9 mm with 25 mm 1000GSM

polywool

SEGMENTS Offices, Conference

Rooms, Home

Entertainment, Teleconferencing, Videoconferencing, Broadcast and Recording Studios, Restaurants ,stadiums etc. These may be used in any space that needs a quick and effortless acoustical solution.

FEATURES Elegant & aesthetic, Variety of sizes and Shades ,Reduces echo and reverberation, Improves speech intelligibility, Impact Resistance Cleanable, Easy to maintain

ACOUSTIC PERFORMANCE

NRC up to 0.8 with back insulation of 50mm x 1000GSM Polyester Fibre

FIXING DETAILS

Channel System



ACOUSTIC DOOR

DESCRIPTIONS AUDION ACOUSTIC WOODEN DOORS Offers excellent performance values in a range of fully tested standard designs, delivering a visually warm, acoustically sound for offices, Conference Rooms etc

Frame work consists of wooden sections of size 150mm X 75mm (Nominal Finished Frame Section of 143mm X65mm) with self adhesive type Compression BATWING Seals on the perimeters of the Frame Rebets 2 layers (Note : Shutter is Double edged) . Fixing arrangements shall be by means of 8 no's of Fischer Screws of 125mm x 8mm . including 4 nos. of stainless steel ball bearing hinges of SS 304 quality of size 104mmX75mmX3mm thick to capable of taking load up to 120 Kg of the shutter with SS pin, lock strike plate, shock absorbers as specified. Shutter 60mm thick, of size as mentioned below made out of perimeter railing of Seasoned wood (Moisture contain limited to 18%) of size 100mmX20mm and Soft fibre board lined with Audion silence of 3 mm thick fixed either sides of boards on each side of the shutter framework using suitable fasteners and duly HOT PRESSED with 12mmHDF of density 850kg/M3 to get the require surface for Laminate/ Veneer/PET

SPECIFICATIONS Thickness - 40mm - 72mm Dimension - 900mm X 2100mm Customized Sound Transmission - Up to 45dB (STC)

Thickness-45mm HARDWARES - DORMA / HAFELE SEALS Drop Down Seals - Lorient Compression Batwing Seal 2 Line - Lorient Perimeter Seal - Lorient

SEGMENTS

Entertainment, Teleconferencing, Videoconferencing, Broadcast and Recording Studios, Restaurants ,stadiums etc. These may be used in any space that needs a quick and effortless acoustical solution.

FEATURES

Sound Isolation STC unto 50 dB ,Fire Resistant, Impact resistant, Elegant Look .

ACOUSTIC PERFORMANCE

STC -45





DESCRIPTIONS

Mass Loaded Vinyl (MLV) is one of the most effective materials for soundproofing because it adds significant mass to a structure without adding much thickness.

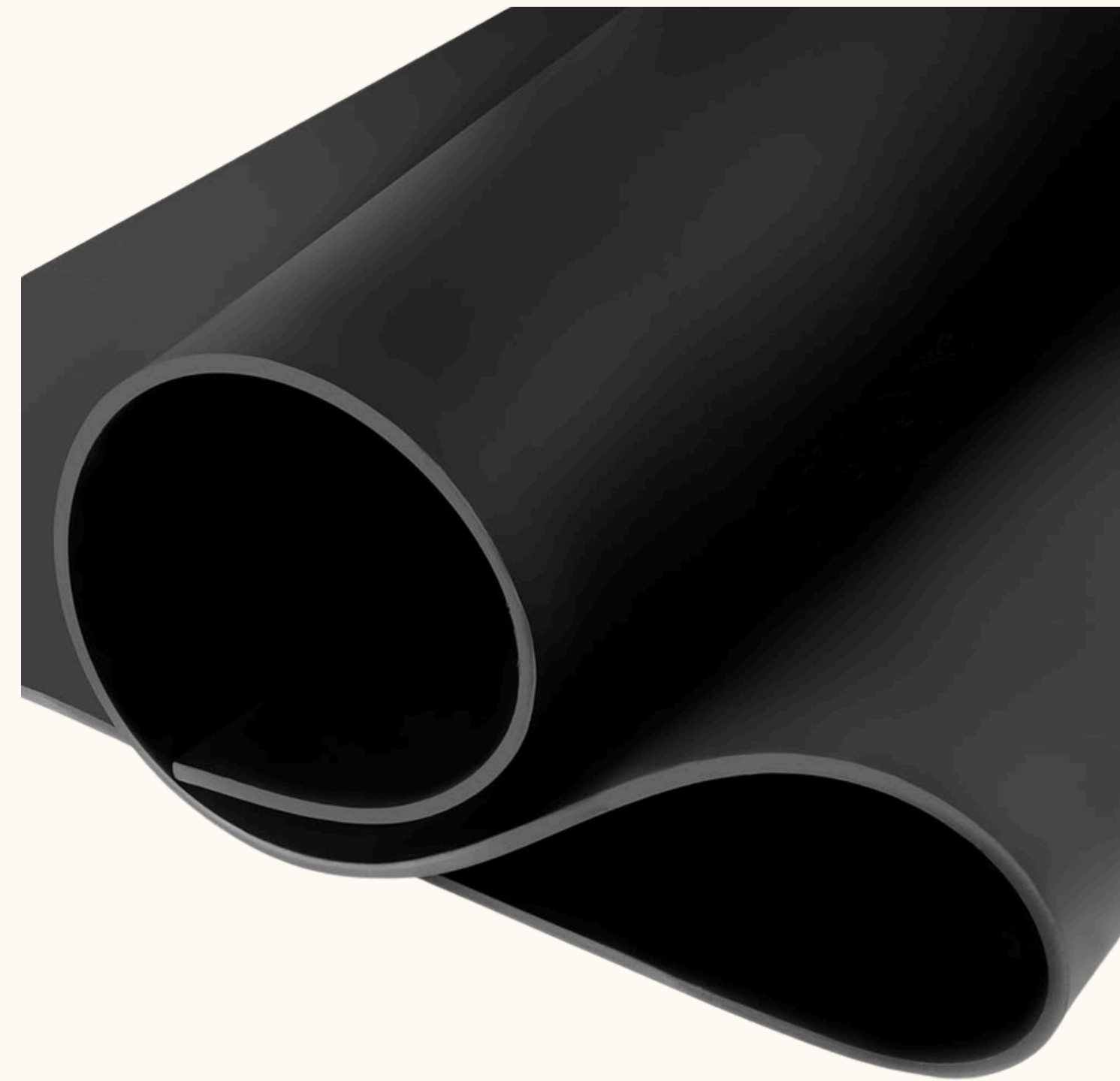
Think of it as a heavy, flexible "sound blanket" that blocks noise by making it incredibly difficult for sound waves to vibrate through a surface.

Key Specifications

Composition: High-grade vinyl infused with heavy minerals (like calcium carbonate or barium sulfate) to increase its density.

Material: Mass Loaded Vinyl

- * Finish: Smooth Finish
- * Max dimensions: L-10mtr / 15mtr
- * Max dimensions: W-1.22 m/ 2mtr
- * Thickness- 1.5mm/2mm/ 3mm
- * Density: 1900 kgs/m³
- * Dimension Stability: < 0.4%
- * Flexibility 10mm Mandrel Test: Pass
- * Flame Spread: Class 1
- * Weight: > 65 kg
- * STC: >27 DB



AUDITORIUM CHAIRS

DESCRIPTIONS

Fixed auditorium chair with PP arms with cushion, moulded pu foam in seat & back cushion in version Polyfill (density of foam 50+), metal powder coating side frame in ms heavy gauge 16, 5 mm foam laminated with fabric, with Fire resistance fabric, chair fabric shade as per client choice

Arms to arm centre 22 to 23 inch

Seat height to the floor 18 inch

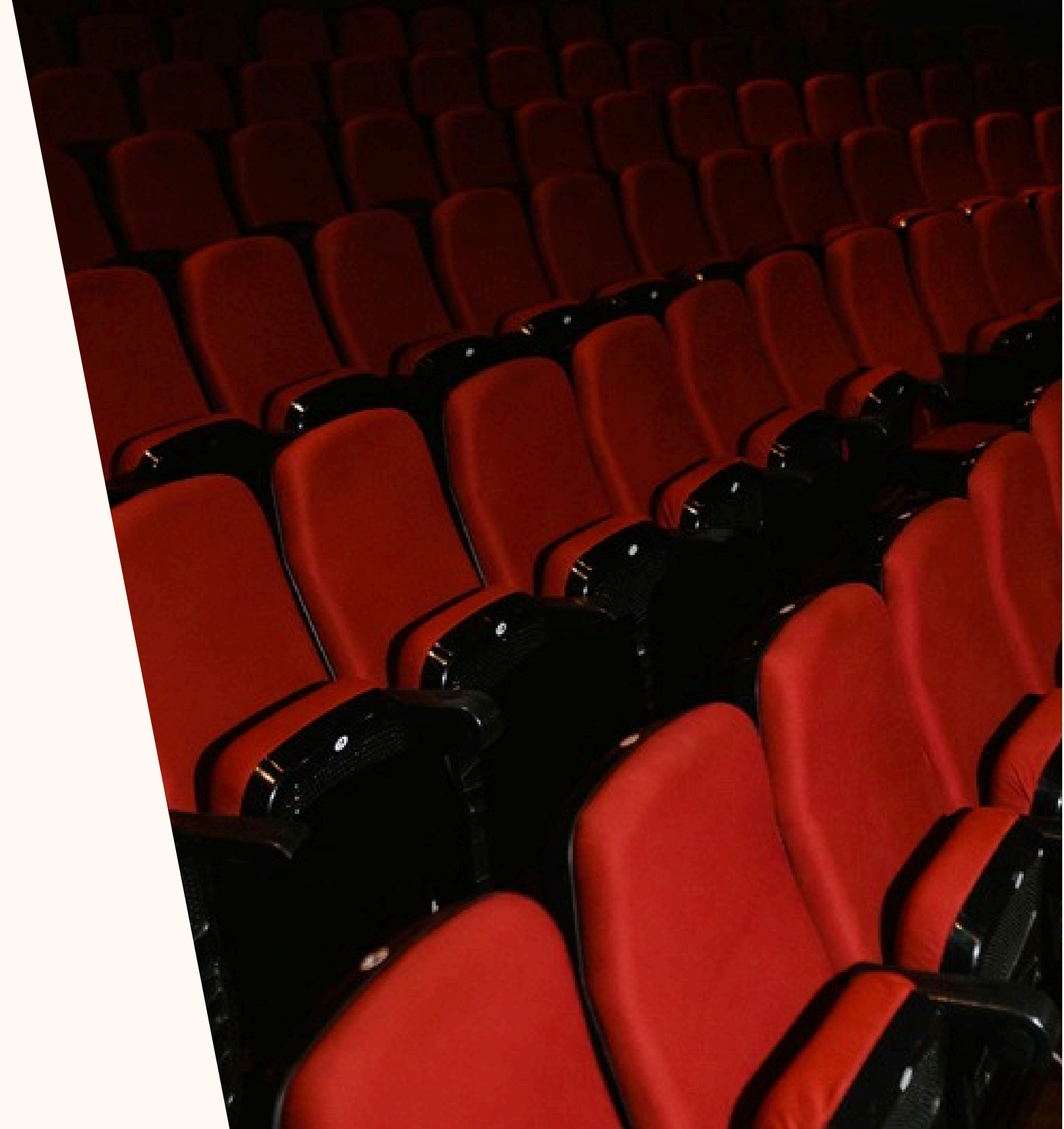
Back height to the floor 38 to 40 inch

Arms height to the floor 24 to 25 inch

Chair installed on 10mm anchor fastner

SEGMENTS

Audiitorium , Conference room , Theaters , Home
cinema



CONTACT US



8590782305



www.audion.in



info@audion.in



COCHIN -491 A2, Krishnakripa Lane , Thengod road, Thevakkal, Kalamassery, Ernakulam, Kerala, 682021

BANGALORE -2 nd Floor , NR towers , 19 th Main ,17 th cross, 4, th sector, HSR Layout, Bengaluru, Karnataka 560102