mechtrix®
NISHABD
...name defines living experience





MECHTRIX NISHABD

ACOUSTICS|CEILINGS|WALLPANELING

Name Defines the Living Experience

www.mechtrixnishabd.com

MAKE IN INDIA
Made for the World

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"Connect with Us for Complete Acoustic Solutions"



WHY CHOOSE US?

- The Only Manufacturers
- Complete solution Providers
- Customised Shapes and Sizes
- FR Rated Products Available
- Certified Products

OUR STORY

We are the Designers, Creators & Suppliers of Acoustical Products located in Bangalore.

We cater for the needs of sound engineers, architects, interior designers and contractors. We are constantly working towards adding aesthetically pleasing Acoustical products that may upgrade to European standards.

OUR VISION

To become world-class creators of innovative sound engineering products for the progressive establishment of various fields with excellent and consistent performances.

OUR MISSION

By applying futuristic techniques with creative ideas, and developing products without compromising aesthetics to bring out the most practical and immersive experiences of Sound Engineering for a given space.

MAKE IN INDIA

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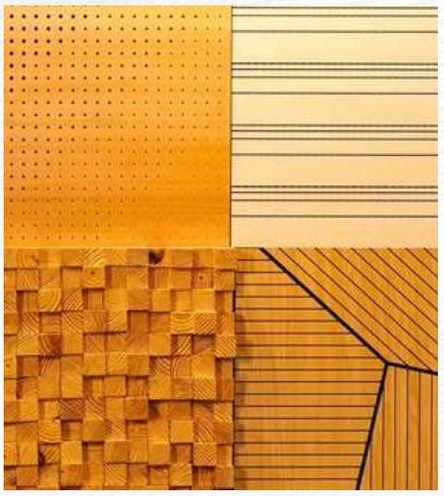
NISHABD
WOODEN SLATS

ACOUSTICS | CEILINGS | WALLPANELING



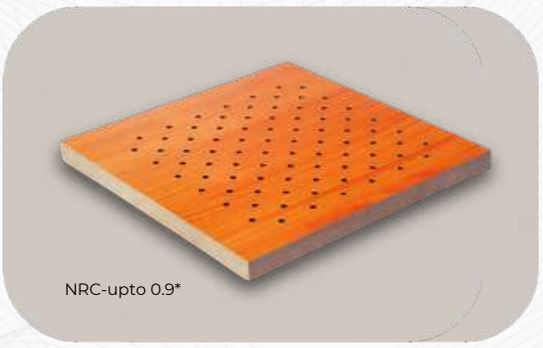


- High Performance
- Flexible & Easily Customisable
- Easy Installation & Maintenance
- Inhouse Design Team
- Made-to-order Acoustic Panels



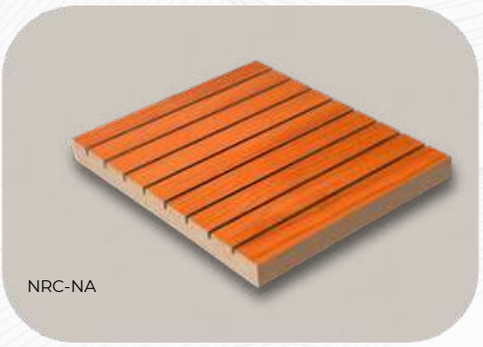
NISHABD SLATS

Thickness: 11mm - 17mm
Groove size: L16/3 - L23/3 - L32/3- Custom
Core Types: HDF - HDHMR - FR
Surface Finish: Melamine, Veneer, Raw



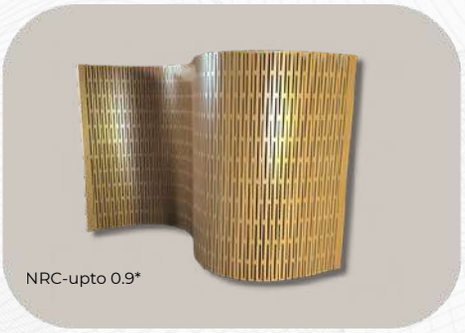
NISHABD PERFO

Thickness: 11mm - 17mm
Perfo size: H16/3 - H32/3 - H16/6 - H32/6 -
Core Types: HDF - HDHMR - FR
Surface Finish: Melamine, Veneer, Raw



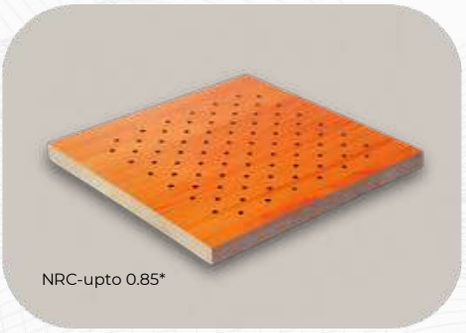
NISHABD DIFFUSE-PL

Thickness: 11mm - 17mm
Perfo size: L16/3 - L23/3 - L32/3 - Custom
Core Types: HDF - HDHMR - FR
Surface Finish: Melamine, Veneer, Raw



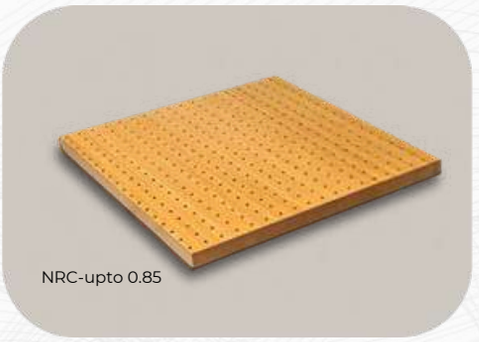
NISHABD
FLEXI PANELS

Thickness: 17mm
Slit Size: Proprietary
Core Types: HDF - HDHMR - FR
Surface Finish: Melamine, Raw



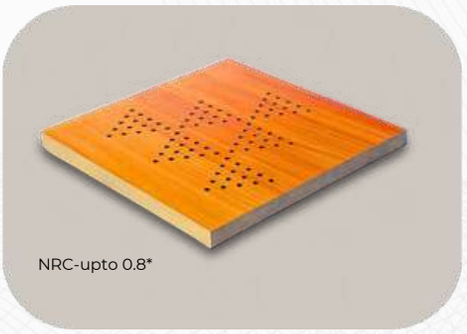
NISHABD
PERFO-CP

Thickness: 11mm - 17mm
Perfo size: H16/3 - H32/3 - H16/6 - H32/6- Custom
Core Types: HDF - HDHMR - FR
Surface Finish: Melamine, Veneer, Raw



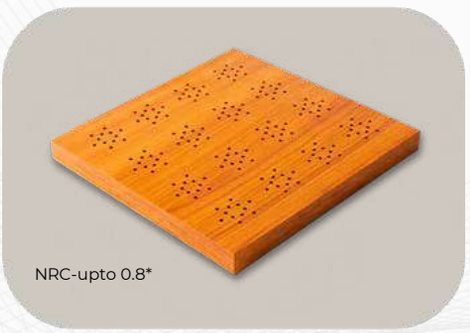
NISHABD
PERFO - SP

Thickness: 11mm - 17mm
Perfo size: H16/3 - H32/3 - H16/6 - H32/6- Custom
Core Types: HDF - HDHMR - FR
Surface Finish: Melamine, Veneer, Raw



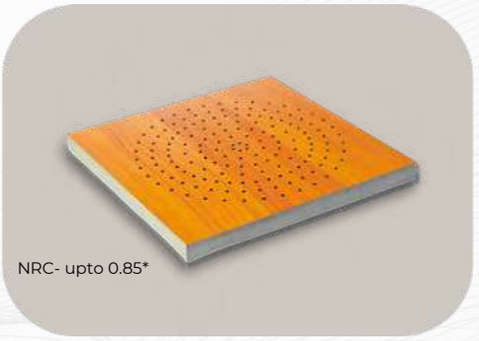
NISHABD
PERFO-CPT

Thickness: 11mm - 17mm
Perfo Size: T60/3 - T80/3
Core Types: HDF - HDHMR - FR
Surface Finish: Melamine, Veneer, Raw



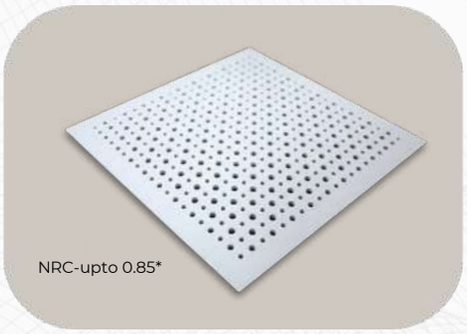
NISHABD
PERFO-CPH

Thickness: 11mm - 17mm
Perfo size: H60 - H80 - H100
Core Types: MDF - HDF - HDHMR - FR
Surface Finish: Melamine, Veneer, Raw



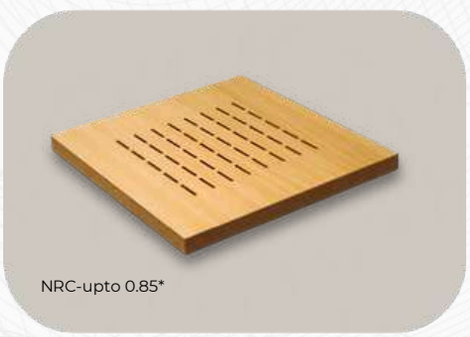
NISHABD
PERFO-CPC

Thickness: 11mm - 17mm
Perfo size: C16/3
Core Types: HDF - HDHMR - FR
Surface Finish: Melamine, Veneer, Raw



NISHABD
PERFO - SPVH

Thickness: 11mm - 17mm
Groove size: SV16/6-3 / SV32/6-3
Core Types: HDF - HDHMR - FR
Surface Finish: Melamine, Veneer, Raw



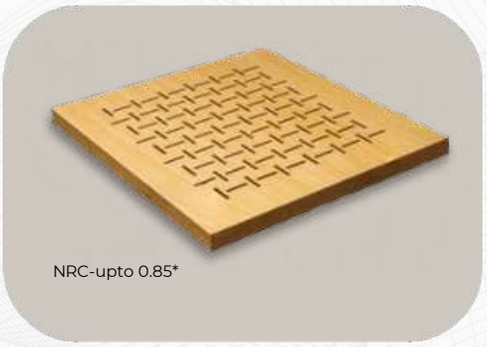
NISHABD
CARVD - SS

Thickness: 11mm - 17mm
Slit size: SS30/3-5 - SS50/3-5 - SS60/3-5
Core Types: HDF - HDHMR - FR
Surface Finish: Melamine, Veneer, Raw



NISHABD
CARVD - SH

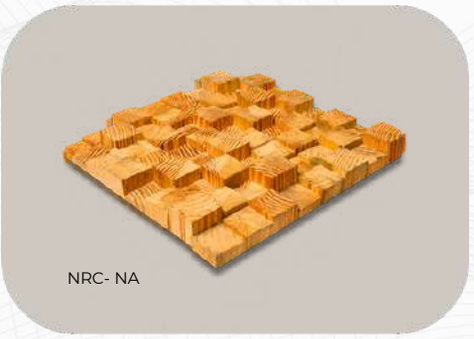
Thickness: 11mm - 17mm
Slit Size : SH30/5 - H20/3 - SH50/5- SH60/5
Core Types: HDF - HDHMR - FR
Surface Finish: Melamine, Veneer, Raw



NRC-upto 0.85*

NISHABD
CARVD - SP

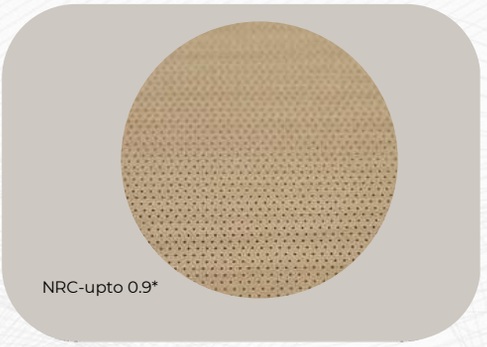
Thickness: 11mm - 17mm
Slit size: SP30/5 - SP50/5 - SP60/5
Core Types: HDF - HDHMR - FR
Surface Finish: Melamine, Veneer, Raw



NRC- NA

NISHABD
3D DIFFUSE

Thickness: NA
Size: Custom
Core Types: Solid Surface
Finish: Semi Polished



NRC-upto 0.9*

NISHABD
MICRO PERFO

Thickness: 11mm - 17mm
Perfo size: 0.5mm Dia, 5mm Pitch,
Core Types: HDF - HDHMR - FR
Surface Finish: Melamine, Laminated, Raw



NRC-upto 0.9*

NISHABD
PET SLATS

Thickness: 25mm (15/10)
Slat Size: 25mm Groove Size: 12mm
Core Type: HDF - HDHMR - FR
Surface Finish: Melamine, Veneer, Raw

- Customised groove size selection
- Customised colour selection
- Neatly trimmed edges
- Exquisite finish grooves that are clean and scarless
- Superior quality raw material
- State-of-the-art machinery for precision forming
- Good manufacturing practice
- Certified product



BEECH VERUM
MNL01



BEECH ARBOR
MNL02



MAPPLE AUREA
MNL03



CARAMEL LUX
MNL04



FINO TEAK
MNL05



CLASSICO WALNUT
MNL06



PERSICA WALNUT
MNL07



AUREUM WALNUT
MNL08



ELEGANTIA OAK
MNL09



TANGERINO WALNUT
MNL10



SAPELE EXOTICO
MNL11



CLASSICO WENGE
MNL12

NISHABD

WOOD WOOL SERIES

ACOUSTICS | CEILINGS | WALLPANELING





- High Performance
- Flexible & Easily Customisable
- Easy Installation & Maintenance
- Inhouse Design Team
- Made-to-order Acoustic Panels



NRC-upto 0.9*

NISHABD STRAND

Thickness: 10mm - 50mm
Density: 410 kg/m3
Surface Finish: Fiber



NRC-upto 0.9*

NISHABD D-STRAND

Thickness: 10mm - 50mm
Density: 410 kg/m3
Surface Finish: Fiber



NRC-u pto 0.4*

NISHABD BURRL

Thickness: 10mm - 50mm
Density: 650 kg/m3
Surface Finish: Plaster

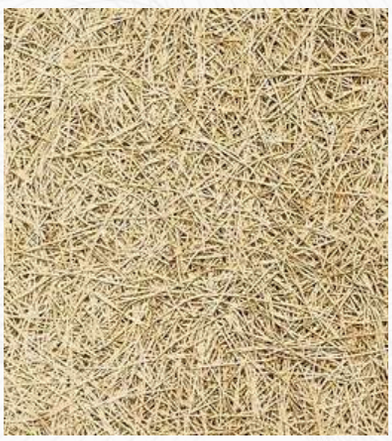


NISHABD
MAT

Thickness: 15mm - 20mm
Density: 550-650 kg/m3
Surface Finish: Texture

- Customised colour selection
- Neatly trimmed edges
- Superior quality raw material
- State-of-the-art machinery for precision forming
- Good manufacturing practice
- Certified product

TEXTURES



Extra thin



Standard

BRAND COLORS RANGE



Natural



Traffic Red
(#8093)



Beige
(#1001)



Saffron Yellow
(#7949)



Oyster White
(#1013)



Pebble Grey
(#7032)



Sky Blue
(#5015)



Black (D-Strand)



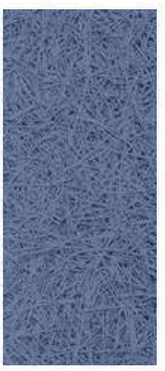
Chocolate Brown
(#8017)



Light Green
(#6027)



IVORY
(#1014)



Pigeon Blue
(#5014)

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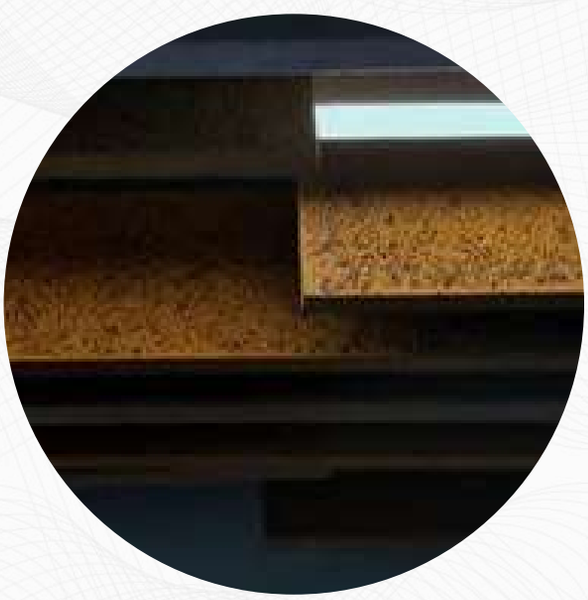
BAFFLES & CLOUDS

ACOUSTICS | CEILINGS



- High Performance
- Flexible & Easily Customisable
- Easy Installation & Maintenance
- Inhouse Design Team
- Made-to-order Acoustic Panels



NISHABD
WOOD FIBER

Thickness: 25mm - 50mm
Length: 1.2m, 2.4m (Customisable)
Surface Finish: Fabric, Painted
Usage: Baffled & Clouds
Height : 100mm, 150mm , 200mm (Customisable)



NISHABD
GLASS FIBER

Thickness: 40mm
Length: 1.2m, 2.4m (Customisable)
Surface Finish: Painted
Usage: Baffled & Clouds
Height : 100mm, 150mm , 200mm (Customisable)



NISHABD

MDF WOOD CORE

Thickness: 17mm - 25mm - 40mm

Length: 1.2m, 2.4m (Customisable)

Surface Finish: Melamine - Veneer- Painted

Usage: Baffled & Clouds

Height : 100mm, 150mm , 200mm (Customisable)



NISHABD

PET

Thickness: 9mm - 20mm - 24mm- 30mm (Customisable)

Size: 1.2m, 2.4m (Customisable)

Surface Finish: PET

Usage: Baffled & Clouds

Height : 100mm, 150mm , 200mm (Customisable)

- Customised Shape selection
- Customised colour selection
- Neatly trimmed edges
- Exquisite finish that are clean and scarless
- Superior quality raw material
- State-of-the-art machinery for precision forming
- Good manufacturing practice
- Certified product

AVAILABLE IN DIFFERENT SHAPES

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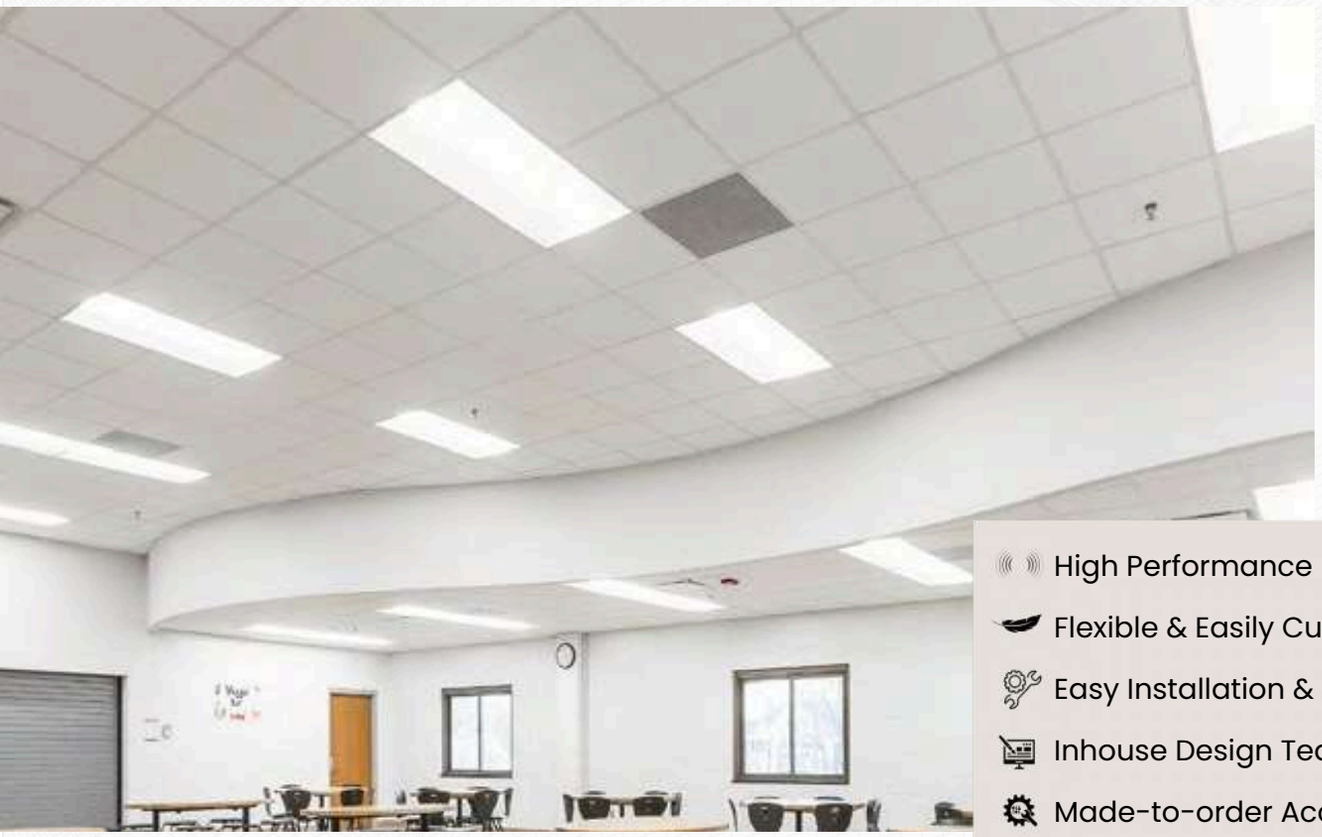
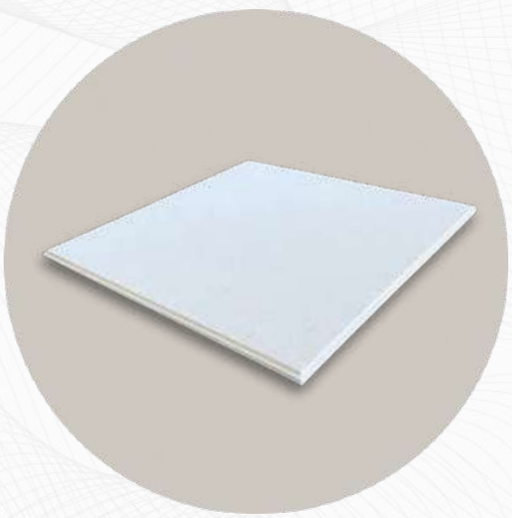
NISHABD
CEILING TILES

ACOUSTICS | CEILINGS



- High Performance
- Flexible & Easily Customisable
- Easy Installation & Maintenance
- Inhouse Design Team
- Made-to-order Acoustic Panels



NISHABD
GLASSFIBER TILE

Thickness: 15mm

Density: 110 kg/m3

Edge: Square,Tegular, Micro Look & Concealed

Core Material: Glass Fiber

Colour: White & Black



NISHABD
STRAND TILE

Thickness: 15mm

Density: 410 kg/m3

Edge: Square

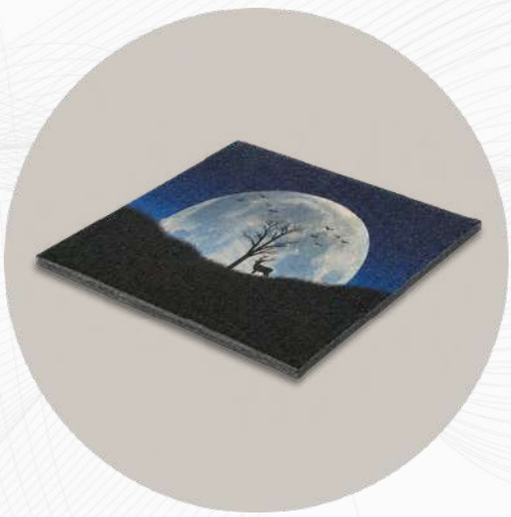
Core Material: Wood Fiber

Colour: Natural & Ral



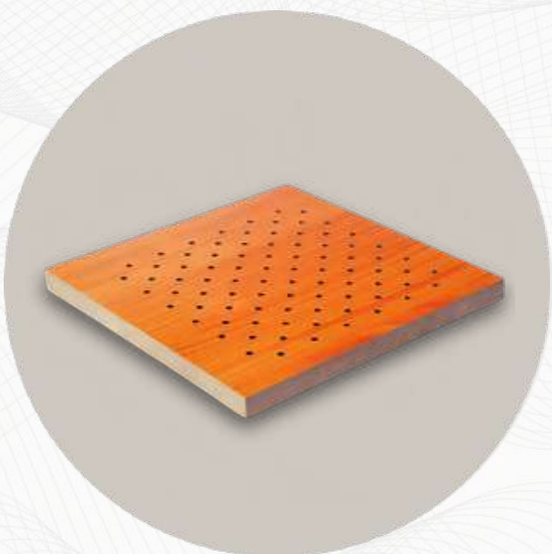
NISHABD
PET TILE

Thickness: 9/12mm
Gsm: 2000-2650
NRC: upto 0.85*
Core Material: 100% Polyster



NISHABD
PRINTED PET TILE

Thickness: 9/12mm
Gsm: 2000-2650
NRC: upto 0.85*
Core Material: 100% Polyster



NISHABD
WOODEN TILE

Thickness: 11mm -17mm
Density: 750 - 1150
Surface Finish: Melamine, Veneer, Raw,Painted
Edge: Square,Tegular & Concealed
Material: HDF, HDHMR, FR

- Customised Material Selection
- Neatly Trimmed Edges.
- Superior Quality Raw Material
- State-of-the-art Machinery for Precision Forming
- Good Manufacturing Practice
- Certified Product

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NISHABD
FABRIC PANELS

ACOUSTICS | PANELING





- High Performance
- Flexible & Easily Customisable
- Easy Installation & Maintenance
- Inhouse Design Team
- Made-to-order Acoustic Panels



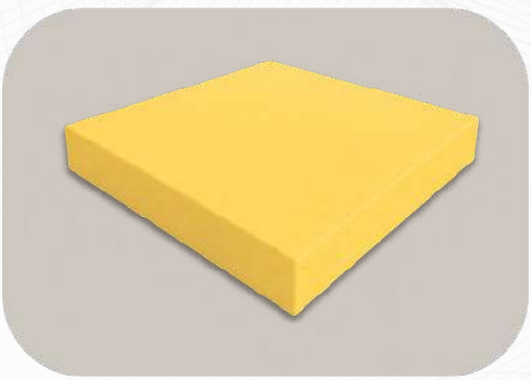
NISHABD
WF PANEL

Thickness: 20mm - 25mm - 40mm - 50mm

Density: 430 kg/m3

Surface Finish: Fabric

Core Material: Wood Fiber



NISHABD
GF PANEL

Thickness: 25mm - 40mm - 50mm

Density: 96 kg/m3

Surface Finish: Fabric

Core Material: Glass Fiber

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NISHABD
WOODEN ACOUSTIC DOORS

ACOUSTICS





- High Performance
- Flexible & Easily Customisable
- Easy Installation & Maintenance
- Inhouse Design Team
- Made-to-order Acoustic Panels

UNDERSTANDING STC



SOURCE
100 dB

Avg. STC of Door would be 45dB

RECEIVING
55 dB

STC Rating	Level of Sound Heard (Loud Speech)
30	Easily Audible
35	Heard But Non-Understable
40	Murmuring Sound Heard
45	Barely Audible
48	Strained Hearing
50	Not Audible



Classification

- Fire Rated
- Acoustic
- Radiation Insulation
- Acoustic cum Fire rated

Variants

- Single Leaf
- Double Leaf

Finishes

- RAL Finish
- Laminate
- UV Coated
- Veneered

Shield Porté
WOODEN FIRE DOORS

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FIRE RATED
WOODEN DOORS

ACOUSTICS | FIRE RATED



- High Performance
- Flexible & Easily Customisable
- Easy Installation & Maintenance
- Inhouse Design Team
- Made-to-order Acoustic Panels

NISHABD **FIRE RATED WOODEN DOOR** are Manufactured to Achieve :

INTEGRITY - Resistance to Passage of Flame or Hot gas

INSULATION - Temperature Rise Criterion

STABILITY - Fire Resistance under Defined Load

Classification

- Fire Rated - 60 / 120min
- Radiation Insulation

Variants

- Single Leaf
- Double Leaf
- Customised Leaf with / Without Vision Panel

Finishes

- RAL Finish
- Laminate
- UV Coated
- Veneered

Shield Porté
WOODEN FIRE DOORS

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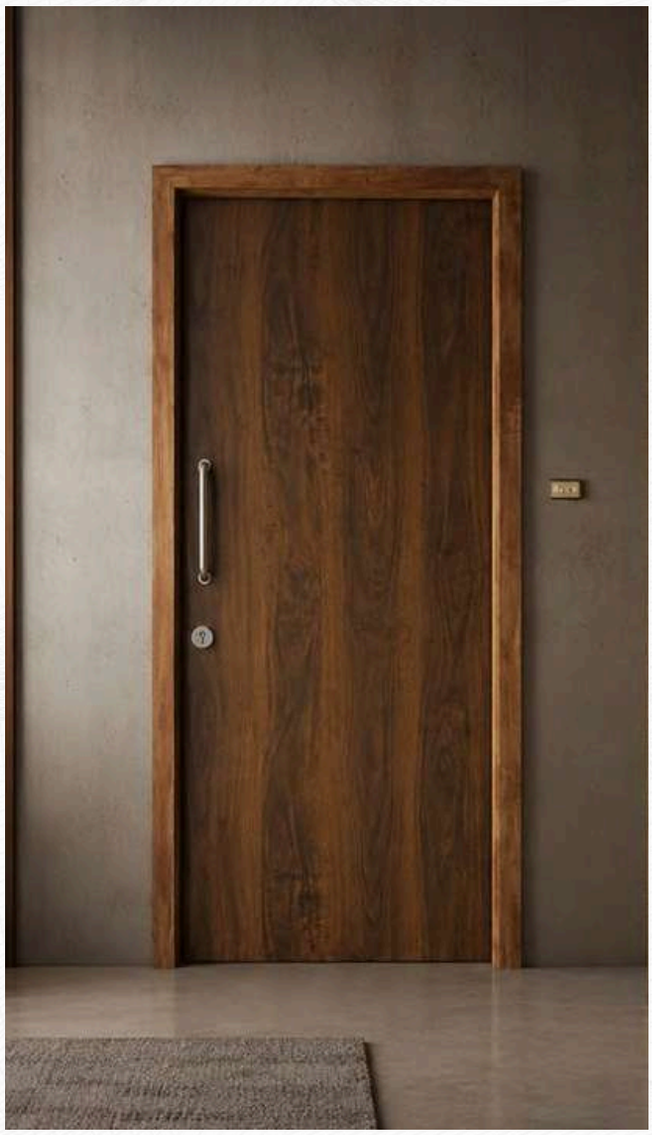
60 MIN & 120 MIN
WOODEN FIRE DOORS

TECHNICAL SPECIFICATION

DOOR TYPES	60 MIN	120 MIN
MATERIAL	Hard wood, Maranti, Teak, Beech etc	
FRAME PROFILE	120 x 60 mm, Hardwood with 650 kg Density	150 x 75 mm, Hardwood with 650 kg Density
FIRE RATING	As Per IS 3614/2021 BS 476 Part 22, tested at NABL apporved Laboratory for stability, integrity & insulation all for 60 & 120 minutes	
SOUND RATING	Upto 40 dB	Upto 50 dB
SHUTTER THICKNESS (+/- 2mm)	Starts from 45 mm	Starts from 55 mm
INFILL MATERIALS	Proprietary Core Material	
OPTIONS	Threshold for Bottom , 4-sided frame, Transom/Side Panels	
IRON MONGERY	Mortise Sash Lock with lever handle, Mortis Sash Lock with lever handle & Bolt, Mortis Deadlock with Bolt, Cylindrical Lock, Panic Exit Devices & Trims	
DOOR CLOSER	Surface Mounted / Concealed Door Closer	
VISION GLASS	Fire rated Clear glass -6 mm. 12% of Door Area	
OTHERS	Pull Handles, Door Stopper, Flush/ Tower Bolts etc	



Finishes

- RAL Finish
- Laminate
- UV Coated
- Veneered

NISHABD
ACCESSORIES
ACOUSTICS



- Genuine Accessories
- NISHABD Warranty
- Easy Installation & Maintenance
- Perfect Fitting

NISHABD **INFILLS**



NISHABD **FILL** (Roll)

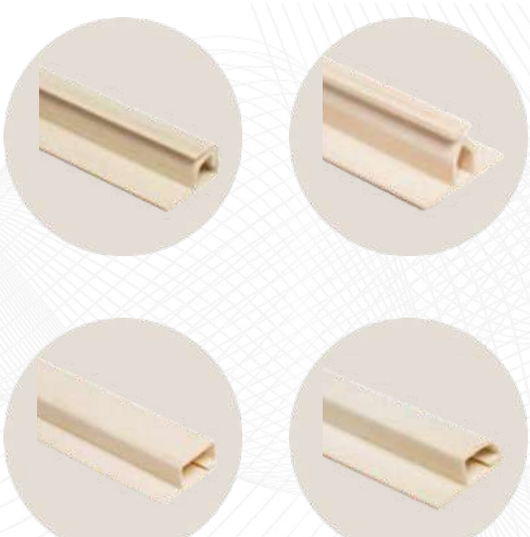
Thickness: 10mm - 100mm
GSM: 250 - 2500
NRC: upto 0.85



NISHABD **FILL**

Thickness:1 0mm - 50mm
GSM: 500 - 2500
NRC: upto 0.85

NISHABD **FABRIC TRACKS**



Length: 2000mm | Size: 12mm - 15mm - 25mm
| Material: Virgin PVC

NISHABD **PANELLING ACCESSORIES**



CC - 18

Dimensions	
Height	18 mm
Length	2000 mm



Centre Clip - 18

Dimensions	50 x 50 mm



Edge Clip - 18

Dimensions	50 x 50 mm



Impaling Clip

Dimensions	50 x 50 mm



Z-Clamp

Dimensions	25 x 150 mm



Z-Bar

Dimensions	50 x 2000 mm



Z-Clip

Dimensions	25 x 50 mm



Slotted Channel

Material	STEEL
Dimensions	41x41; 41x21 mm
Finish	Stainless Steel



Side Exit Gripper With M4 Thread

Material	BRASS
Cable Exit	Side Exit
Finish	Nickel/Chrome



Hook Cable Gripper

Material	BRASS
Cable Exit	Side Exit
Finish	Nickel/Chrome



Attachment M8

Material	BRASS
For Cable Diameters	0.8 mm to 1.2 mm
Cable Exit	Straight Down
Finish	Nickel/Chrome



Adjustable Cable Gripper Hanging Kit

Material	BRASS
For Cable Diameters	1.5 mm
Finish	Nickel/Chrome

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ACOUSTICS | CEILINGS | WALLPANELING

accenture · wipro · Danske IT · BOSCH · Microsoft · PATANJALI

REVA UNIVERSITY · Mahindra University · PES UNIVERSITY · NEWS Btv · ZOHO

The Future Kid's School

IIT MADRAS Indian Institute of Technology Madras · Mercedes-Benz · VIT Vellore Institute of Technology · DMedia · Google · PVR CINEMAS

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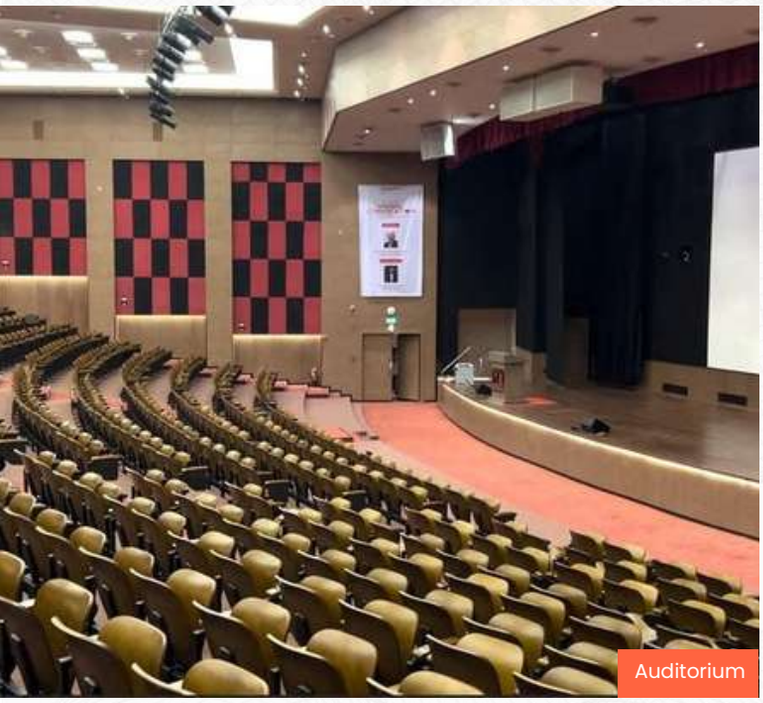
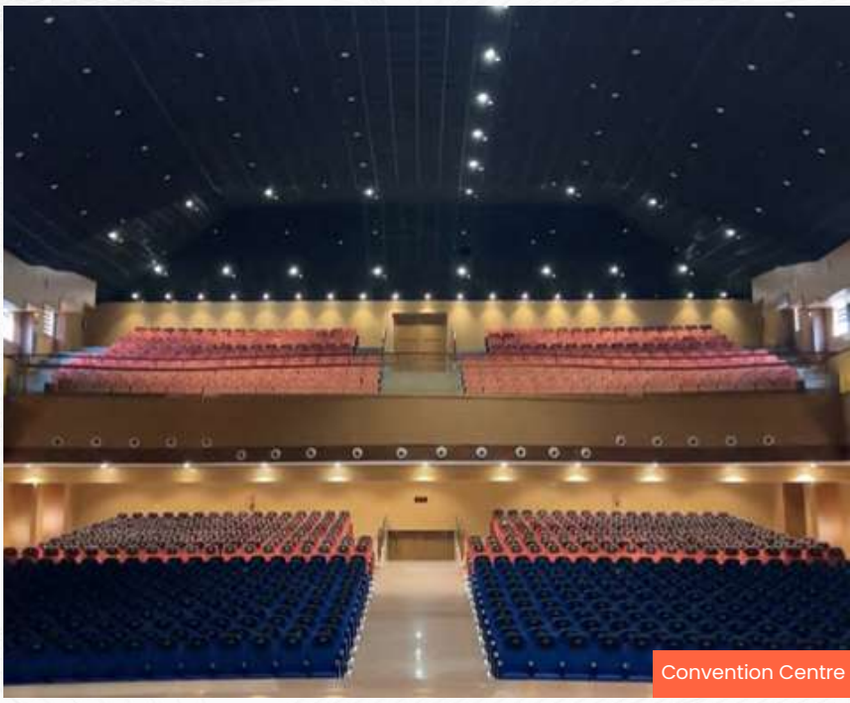
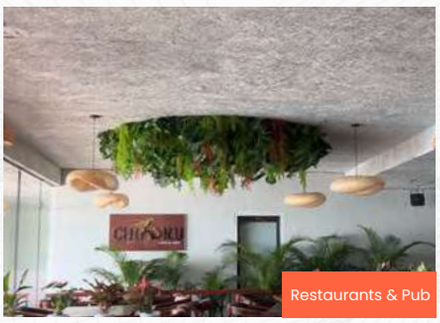
APPLICATIONS


Auditorium


Convention Centre


Multiplex


Restaurants & Pub


Conference area



Corporate area

- **Thermal Insulation -** Buildings , Air Conditioned Units , Machine Shops , Cold Storage
- **Sound Absorbing Source -** Cinema Hall , Auditoriums , Offices , Hospitals
- **Partition / Barriers -** Office Partitions , Roof top Cottages , Agricultural Structures

{ 1000+ }
Projects Completed

{ 200+ }
Staff & Employees

{ }
AcrossPan India

{ }
Export

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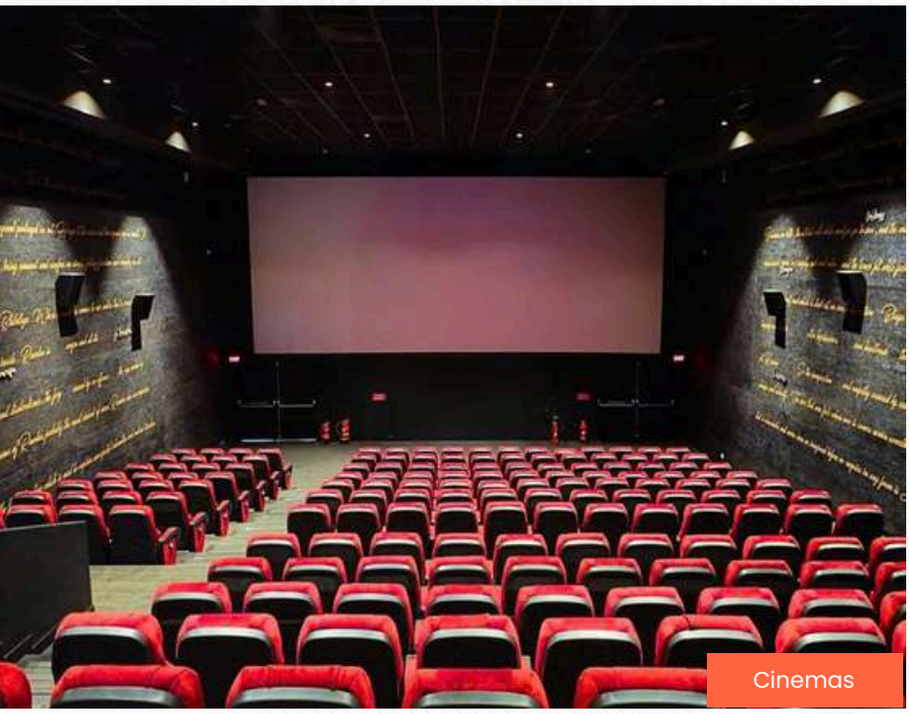


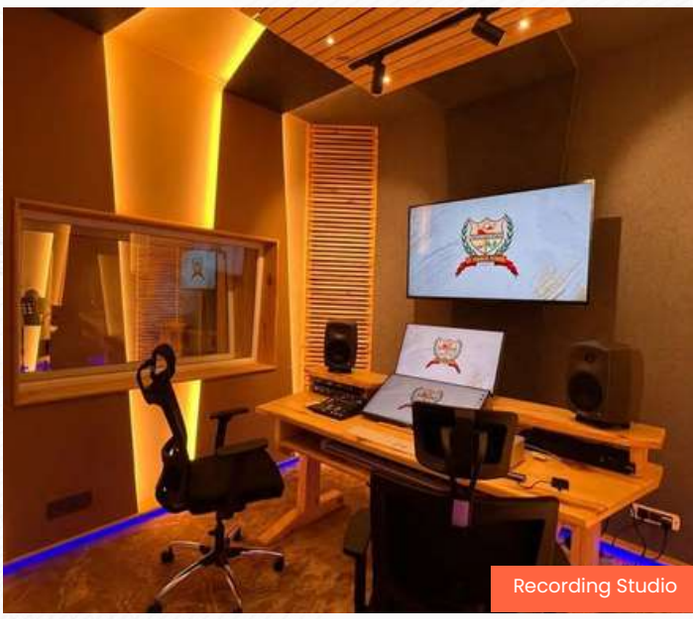
Cinemas



Seminar Hall



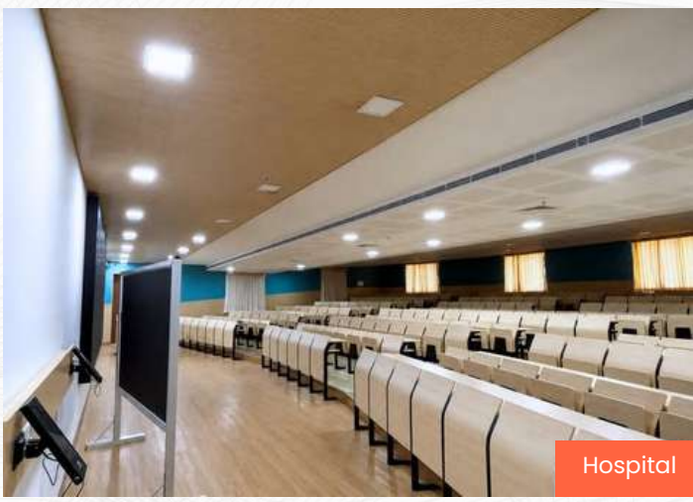
Classroom



Recording Studio



Worship



Hospital

{ 10+ }
Years of Experience

{ 2000+ }
Trusted by Clients

{ }
Customisation

{ 30+ }
Product Range)

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