

aerofiber acoustics



AEROFIBER ACOUSTICS PVT. LTD.
www.aerofiberacoustics.com



Over the course of our pioneering history, with over 40 years of collective experience in the building industry, we have emerged as one of the world's leading providers of acoustic noise control products and systems. Our reputation has been built on our commitment to our customers to design and manufacture top quality products to make the world a better sounding place. We recognise that understanding and meeting our client's requirements is the key to our success. With that in mind, we look forward to serving you – wherever you are in the world.



Aerofiber Acoustics began to serve the needs of the building industry for vibro-acoustical products in India, Asia, the Middle East, African And South American regions. Since its inception “Aerofiber Acoustics” has grown to become a brand preferred by architects, designers & acousticians for environment friendly, cost effective, noise rated dry-wall partitions, acoustic ceilings, wall panelling & flooring products.



Fire Safety



Environment



Influence of
Climate



Cleanability



Audibility



Accessibility



Light Efficiency



Durable



Cost-Effective

ACOUSTICAL CEILING



Softra

P. No. 4



Foil

P. No. 31



GypRift

P. No. 26



Baffle

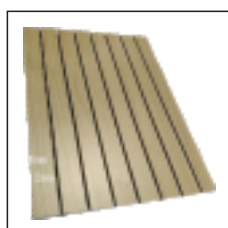
P. No. 20



Rafts

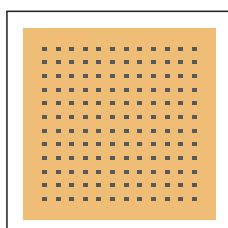
P. No. 22

ACOUSTICAL CEILING & WALL PANELLING



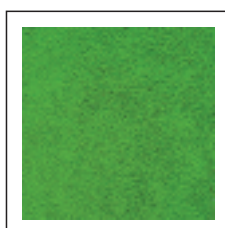
WoodyFlutes

P. No. 8



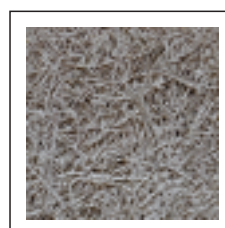
WoodyRift

P. No. 10



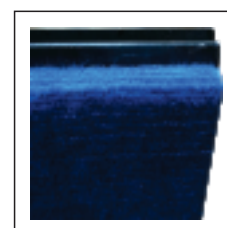
WoodyDab

P. No. 12



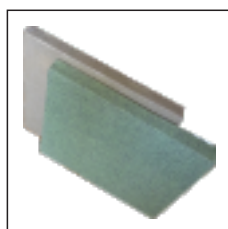
WoodyWool

P. No. 13



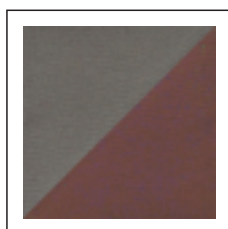
WoodyWool Fabrico

P. No. 15



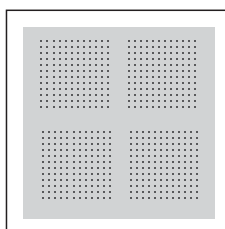
Softra Fabrico

P. No. 6



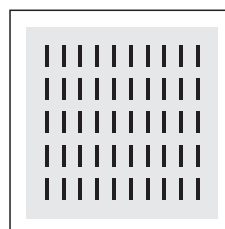
Stretch Insitu

P. No. 19



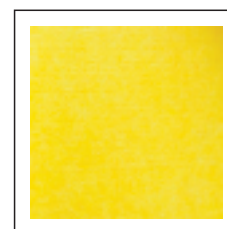
GypRift Lamina

P. No. 24



MagRift

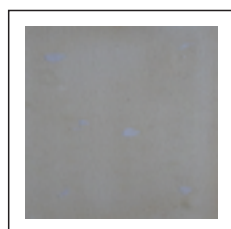
P. No. 29



EchoPanel

P. No. 17

DRY WALL/PARTITION



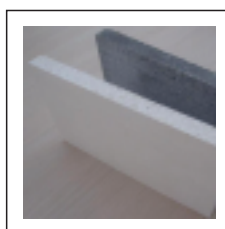
MagTuff

P. No. 29



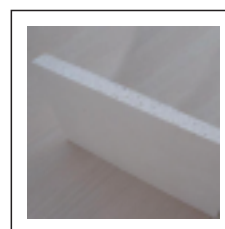
CalTuff

P. No. 28



SoundStopz

P. No. 33



BSI

P. No. 34



EchoWool

P. No. 16



Aerofiber Softra fiberglass acoustic ceiling tiles have a textured finish. Fiberglass tiles/panels offer excellent acoustic performance by providing high sound absorption. Softra, one of the most popular product lines of Aerofiber, is made from compressed uniformly textured inorganic fine-micron long glass-fiber bonded together by a nonwatery soluble (resin) with a fire resistance coating on the surface and edges. This ensure that the ceilings are dimensionally stable and free from sagging or warping, while imparting high performance characteristics of Class A non-combustibility fire properties. Micro perforated option provides even better sound absorption properties. Aerofiber Softra Ceiling tiles are non-hygroscopic hence ideally suitable for high-humidity areas with tiles able to withstand up to RH95 conditions. Being inorganic in nature it will not rot nor be affected by fungi, bacteria or termites in normal occupancy conditions. The surface has microscopic perforations which allow sound to pass through resulting in better sound absorption with a smooth textured surface. Softra's fiberglass is made from glass waste which is abundantly available and does not diminish the earth's resources. In fact, it boasts of recycled content and is also recyclable. These tiles come in textures and available in two colour variants - Black & White.

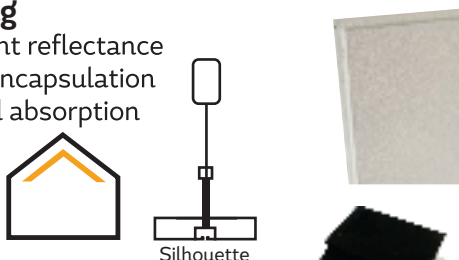


AEROFIBER SOFTRA

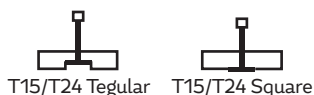
Softra Ceiling

- Brilliant light reflectance
- Rear side encapsulation
- High sound absorption

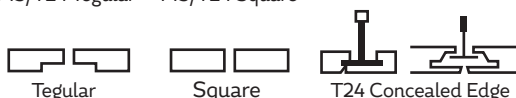
Application



CEILING TYPE

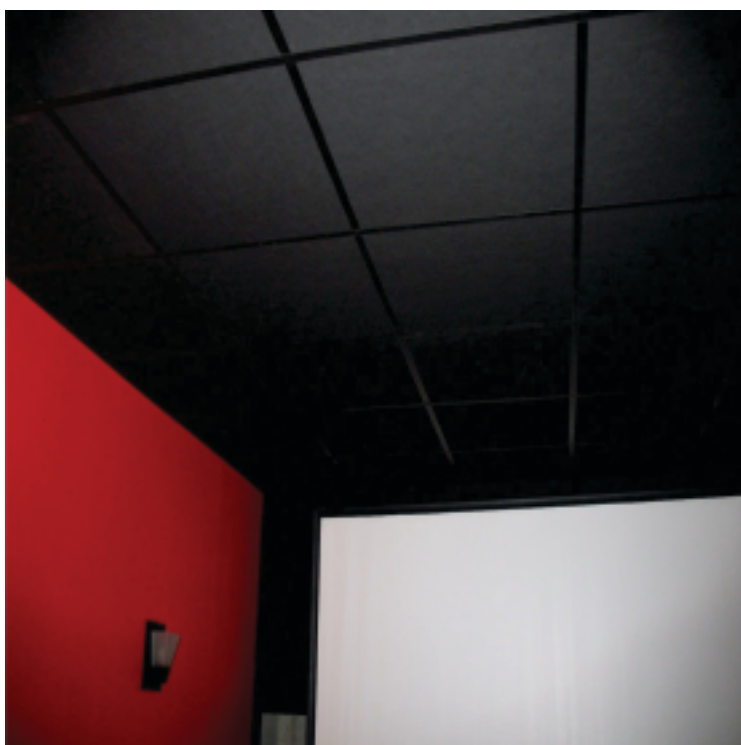


Edge



PRODUCT DATA

Finish	Textures
Core	Glassfiber
Thickness (mm)	15, 20, 25
Size (mm)	595x 595, 595x1195
Density (Kg/m ³)	120
Weight (Kg/m ²)	1.8, 2.4, 3.0
Fire (Class)	1 & P
NRC (15 mm)	upto 0.9
Thermal (W/mk)	0.066
Climate (°C, RH)	40, 95
Light (%)	White 85, (Black: Low Light reflectivity)
Green (VoC, RC%)	Low, 35
Warranty (Years)	3
Maintenance	Brush, wipe, Vacuum



Accessories – Grid T15, T24, Silhouette



Softra acoustic wall panels come in 3 variants Tex-Textured finish, Fabrico-Fabric wrapped, and Vin-Vinyl wrapped finish. These are made from rigid high-density fiberglass cores, providing different finish options in meeting both the aesthetic design requirement, and as an ideal solution for sound absorption and noise control. These sound absorption panels help in bringing down the reverberation in large spaces ensuring proper room acoustics for both speech intelligibility and music. Resin hardened edges are an option for increased durability on the panel sides and corners. Softra High impact wall panels are designed for high traffic areas requiring an impact resistant tack-able surface with excellent acoustical absorption.

Aerofiber Softra High Impact panels utilise a fiberglass core that is eligible to bear the Green Cross label for recycled content. Softra acoustic boards are certified to contain on average at least 35% recycled glass, with 9% post-consumer and 26% pre-consumer content. For LEED® projects, this acoustical panels can help qualify for recycled content points under the Materials and Resources section. Other LEED® categories may also apply depending upon the project requirements. The R-Value is resistivity to heat or cold and is an important factor in choosing an acoustic finish.

Softra range has Textured choices along with custom Fabric and Vinyl colour shades to choose from in meeting both the functional and aesthetic requirements of all kinds of spaces.



AEROFIBER SOFTRA (TEX, FABRICO, VIN)

Softra (Texture / Fabric / Vinyl)

- Fabrico finish
- Superior fire resistance
- Easy and speedy installation

Application

CEILING

TYPE



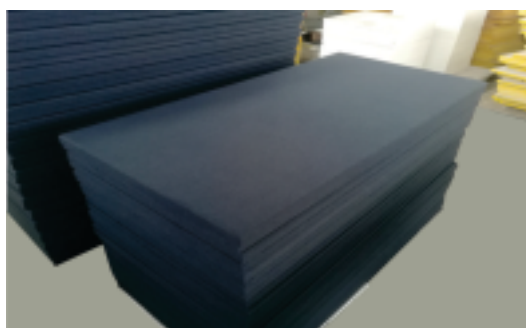
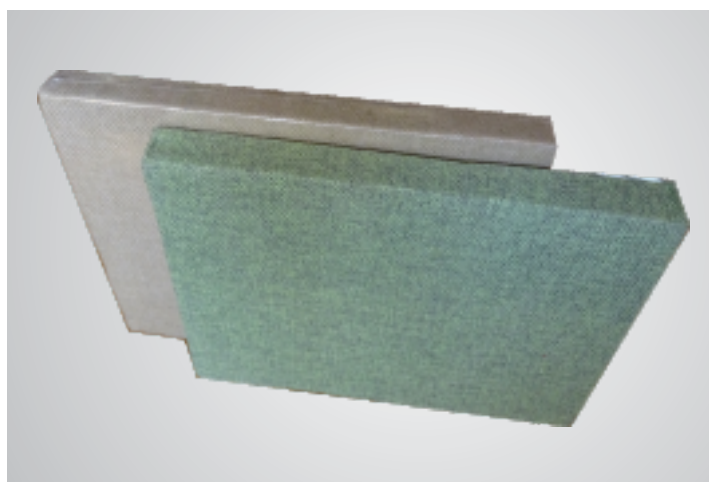
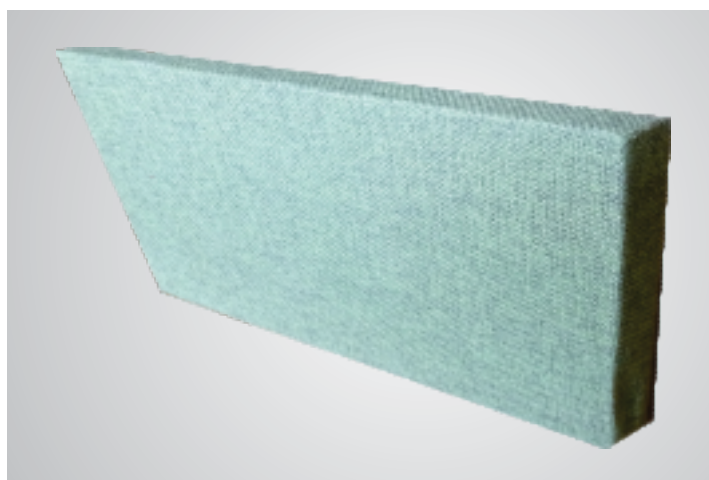
WALLS

TYPE



PRODUCT DATA

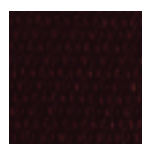
Finish	Texture / Fabric / Vinyl
Core	Glassfiber
Thickness (mm)	25/40/50
Size (mm)	595x595, 595x1195, 600x1200
Density (Kg/m3)	120
Weight (Kg/m2)	3.0
Fire (Class)	1 & P
NRC (25 mm)	upto 0.9
Thermal (W/mk)	0.07
Climate (°C, RH)	40, 90
Light (%)	Colour dependent
Green (VoC, RC%)	Low, 25
Warranty (Years)	3
Maintenance	Brush, wipe, Vacuum



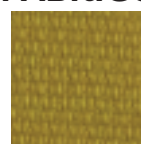
FABRICO



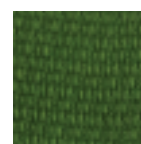
CODE RED



GLOWING RUST



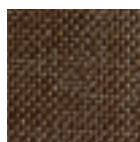
YELLOW MARIGOLD



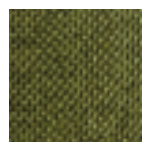
ORGANIC GREEN



MINK



CARAMEL



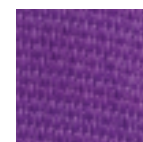
OLIVE



OCEAN BLUE

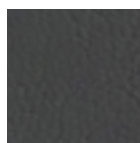


IMPERIAL BLUE



MILD ROSE

VIN



GREY



MIDNIGHT BLUE



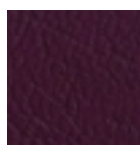
RED



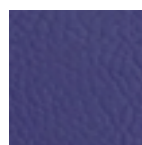
SPEARMINT



RUST



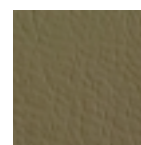
SAND



MOCHA



TEAK



IVORY



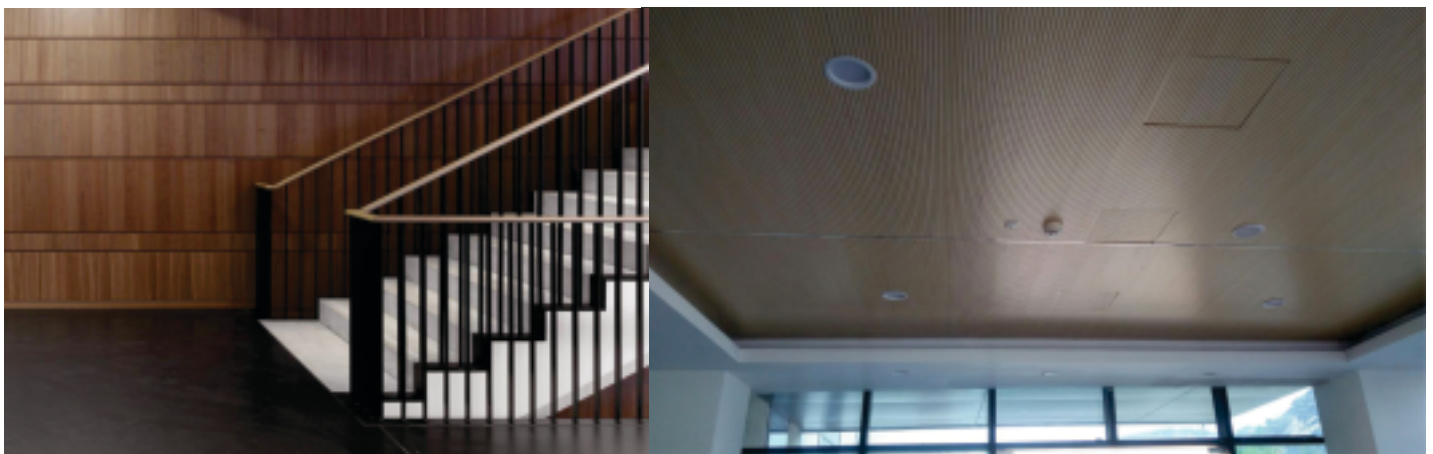
BROWN

Accessories – Z Connector, Impale Connector, Grid T15/T24



Aerofiber WoodyFlutes is a classic system with configuration of longitudinal grooves available in melamine / veneer/ paint finished surface and base core acoustical fibre board with rear circular perforations and black acoustic fleece backing for sound impedance. It is available in plank form with tongue and groove edge. When installed with FA18 and cleat on walls and ceiling it provides a seamless finish with lineal grooves. Non -FR Woody Flutes is a medium density fibre board in yellow colour whereas FR grade is high density fibreboard in pink colour. Woody Flutes when installed impart a feeling of warmth and cosiness to architectural spaces and can be used in hotels, home theatres, offices, auditoriums and convention halls for rich woody visuals. WoodyFlutes is an engineered system based on sound acoustic theory which provide remarkable acoustic properties of sound absorption in mid and low frequencies being the requirement where speech and music is involved.

Wood has its own charm when used in interior space designs and Aerofiber WoodyFlutes enhances this further providing a lineal effect that helps in enhancing widths or heights while adding to the natural beauty and warmth of woods. The aesthetic appeal of Woody flutes in combination with its sound absorbing qualities is a winning combination for a long-lasting design of an interior space.



AEROFIBER WOODYFLUTES

WoodyFlutes

- Choice of Veneers, Laminate & paint finishes with multiple groove options
- Rear side 10mm perforation with black acoustic fleece



PRODUCT DATA

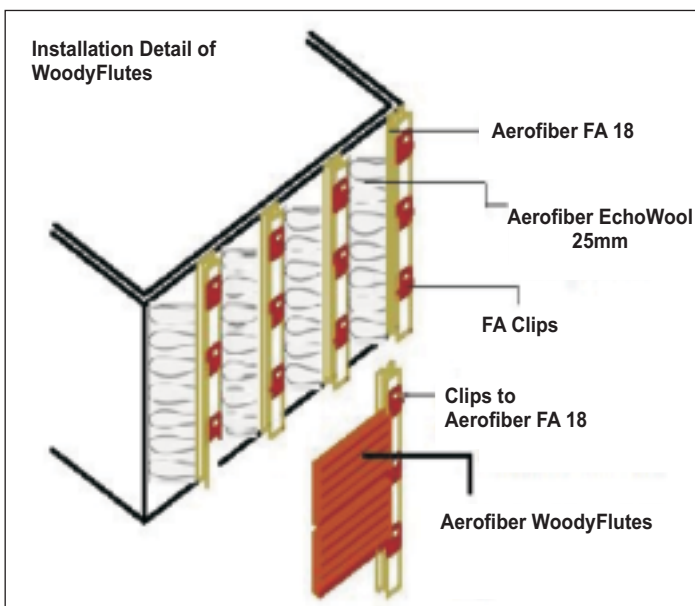
Finish	Melamine/Veneer/Paint RAL Shades
Core	Fibreboard
Thickness (mm)	15
Size (mm)	132 x 2440
Density (Kg/m ³)	600-800
Weight (Kg/m ²)	F-16, F-32, F-64, F-128
Fire** (Class)	1 & P
NRC (15 mm)	upto 0.90
Climate (°C, RH)	50, 70
Light (%)	Shade dependant
Green (VoC, RC%)	Low, 25
Warranty (Years)	3
Maintenance	Brush, wipe, vacuum

** For FR Grade

AVAILABLE STYLES



Melamine/Veneer/Paint RAL Shades



Accessories – CS , IC, PC, CA, FA18, FA Centre Clip, FA Edge Clip, EchoWool





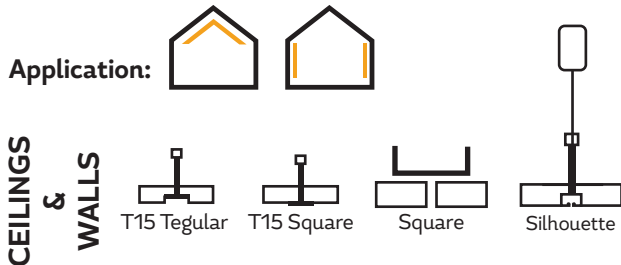
WoodyRift is a range of ceiling and wall panelling systems available in melamine / veneer / paint finished surface. The base core acoustical fibre board will have larger rear circular perforations with a black acoustic fleece backing for sound impedance. It is available in tile/board form with Square/Tegular/Concealed edge options. WoodyRift is installed on an exposed T-Grid system in ceilings and on a concealed framework on both ceilings and walls. Non -FR WoodyRift a medium density fibre board in yellow colour whereas FR grade is high density fibreboard in pink colour. WoodyRift system when installed impart a feeling of warmth and cosiness to architectural spaces and can be used in home theatres, hotels, offices, auditoriums and convention centres for a rich woody appeal. WoodyRift is an engineered system based on sound acoustic principles which provide remarkable acoustic properties of sound absorption across all frequencies for the design of both performing and architectural spaces.

Wood has its own charm when used in interior space designs and Aerofiber WoodyRift enhances this further while providing natural beauty and warmth of woods. The aesthetic appeal of WoodyRift in combination with its sound absorbing qualities is a winning combination for long-lasting appeal of indoor spaces.



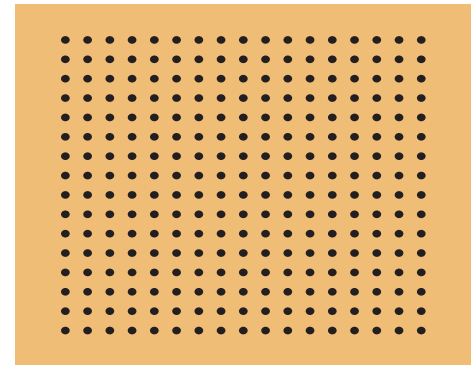
WoodyRift (Rounds / Squares / Lines)

- Choices in perforation Pattern
- Rear side black acoustic fleece
- Classy look and finish

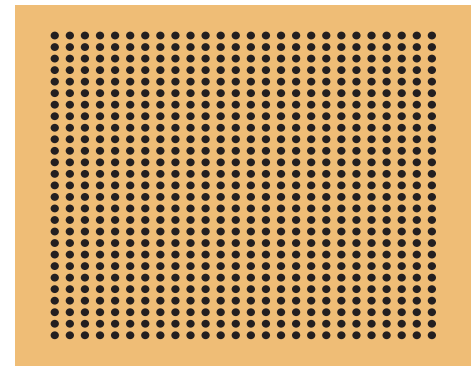


PRODUCT DATA

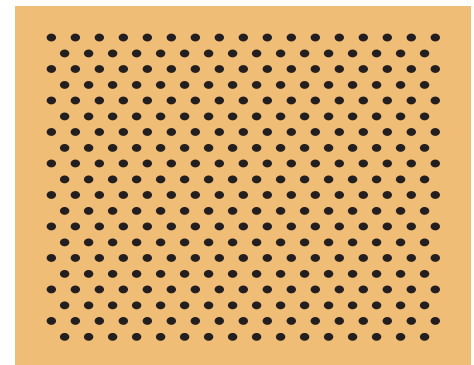
Finish	Melamine/Veneer/Paint RAL Shades
Core	Fibreboard
Thickness (mm)	12, 15
Size (mm)	595x595/1195, 600x600/1200
Density (Kg/m ³)	600-800
Weight (Kg/m ²)	11.5
Fire (Class)	1 & P
Dia	3, 6, 8, 10, 12
NRC (15 mm)	upto 0.90
Climate (°C, RH)	40, 70
Light (%)	Shade dependant
Green (VoC, RC%)	Low, 25
Warranty (Years)	3
Maintenance	Brush, wipe, vacuum



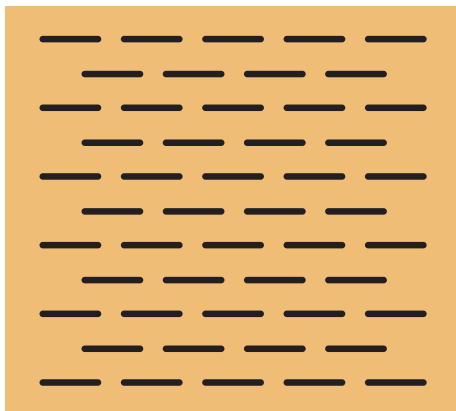
ROUNDS



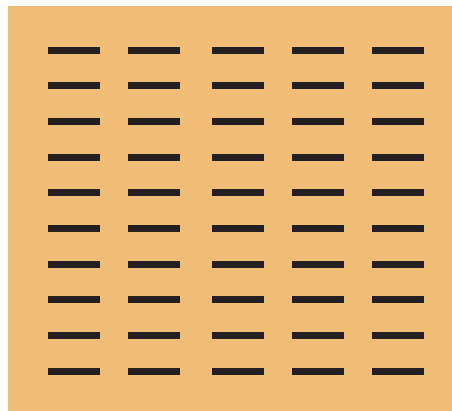
ROUNDS DENSE



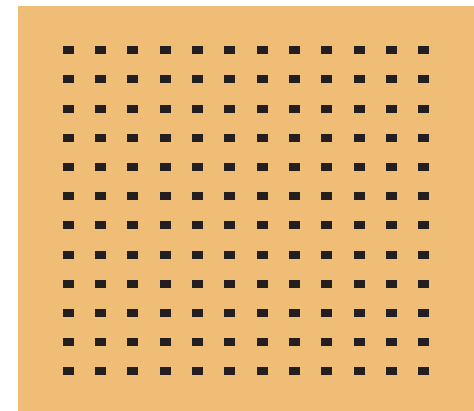
ROUNDS DIAGONAL



LINES STAGGERED



LINES STRAIGHT



SQUARES

Accessories -

For Ceiling Tile : Grid T15, T24, Silhouette, Z Connector, Impale Connector, CA , IC, PC, SA, EchoWool
For Wall Panelling : Z Connector, Impale Connector, CS , IC, PC, CA, EchoWool, Adhesive A-1

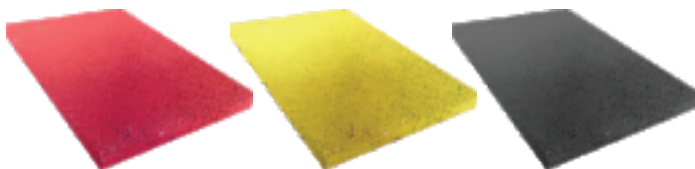


WoodyDab panels are made from pinewood micro particles bonded with magnesite and permitted additives. WoodyDab is a sturdy, durable panel with micro honeycomb type porous structure, that helps in achieving excellent broad band frequency sound absorption with good thermal insulation in an exquisite matte like surface textured panel. Rendering architects would love to use this exciting eco-friendly solution for heat insulation and sound absorption purposes. WoodyDab is the classy system with factory finished custom-colour painted options with standard shades available in white and black finishes.

WoodyDab Black has the core pigmented in black and surface finished in Matte black paint for low light reflectivity as required in cinemas, studios auditoriums and home theatres.

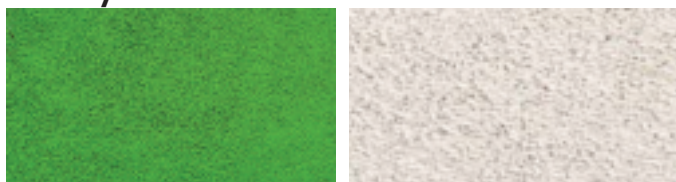
Application:

Offices / Malls / Cinemas / Clubs / Stadiums /
Home Theatres / Studios / Education / Auditoriums /
Hospitals / Homes / Airports



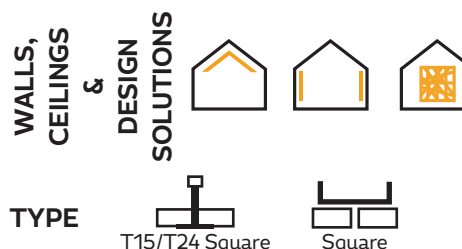
Accessories – for Ceiling Tile: Grid T24, EchoWool

Woody Dab



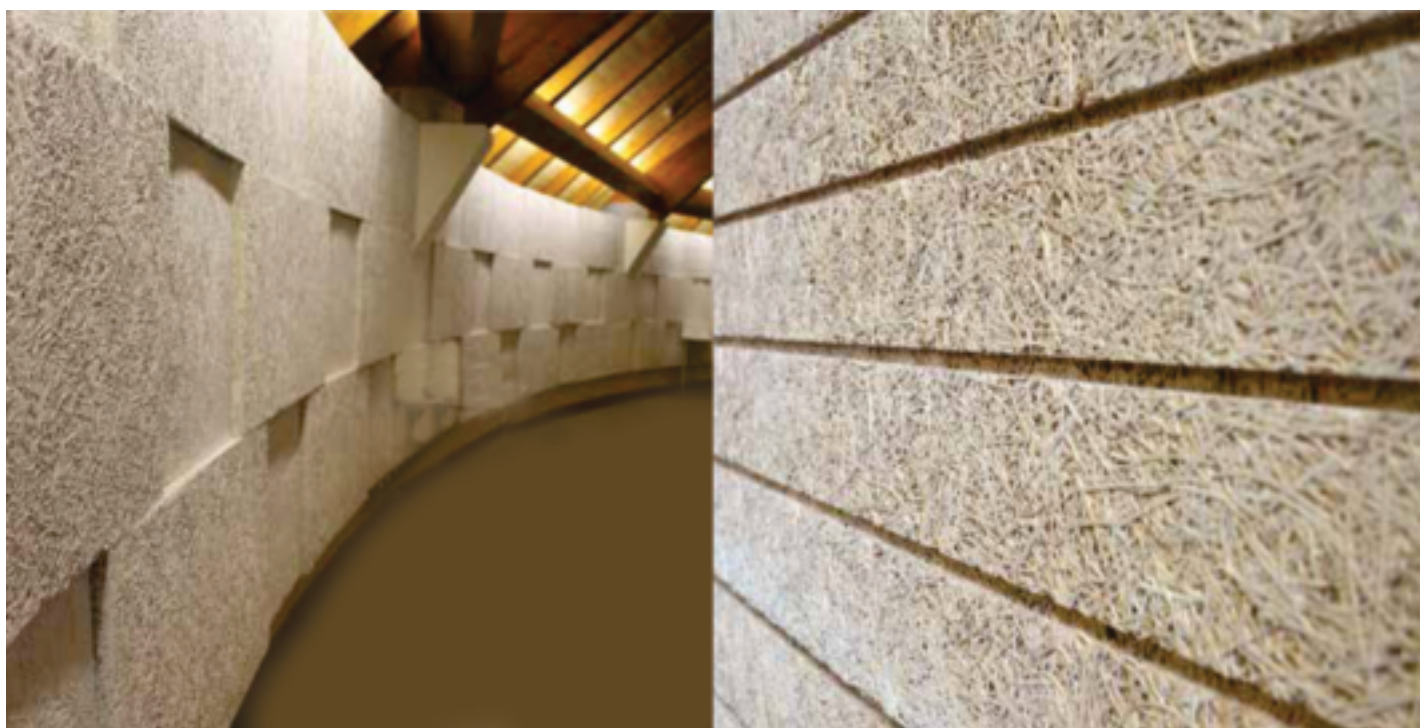
- Microfiber pinewood, magnesite bonded
- Rugged, stable with natural acoustics, natural breathing

Accessories – for Wall and Ceiling Panel work: CS , IC,
PC, CA, Z Connector, H-Connector, Impale Connector, EchoWool, Adhesive A-1



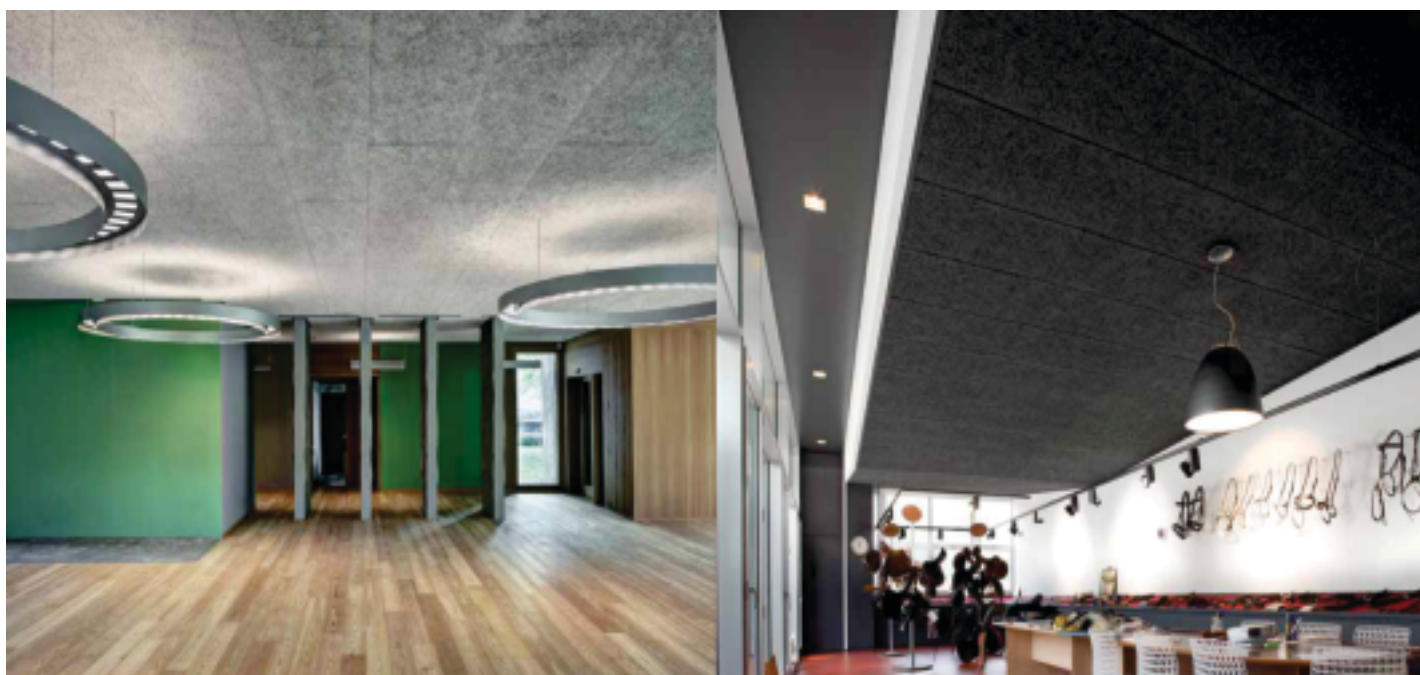
PRODUCT DATA

Finish	Natural woodparticle
Core	Woodyparticle
Thickness (mm)	15, 20,
Size (mm)	595x595/1195, 600x600/1200
Density (Kg/m ³)	600
Weight (Kg/m ²)	9,12,
Fire (Class)	1 & P
NRC	upto 0.9
Thermal (W/mk)	0.1
Climate (°C, RH)	50, 95
Light (%)	White: 80, Black: Low light reflectivity & Colour dependant
Green (VoC, RC%)	Low, 35
Warranty (Years)	3
Maintenance	Brush, Vacuum, Repaint



WoodyWool is an engineered panel made from superfine long pine wood-wool filaments bonded with magnesite and other permitted additives. It is an extremely robust honeycomb type porous structured system, which gives excellent sound and thermal heat insulation with a unique WoodyWool surface finish. This ensures that the architects and designers are provided with the ideal aesthetic solution for eco-friendly, heat and sound absorption needs. WoodyWool is available in the classic variants with factory finished white, black and others custom colours as per the designer's intent.

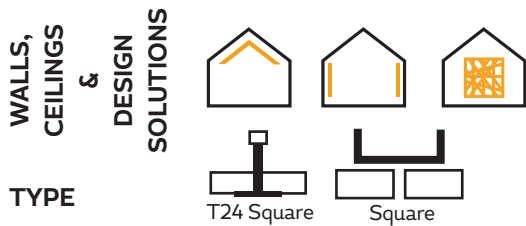
WoodyWool Black comes with the core boards pigmented in black and surface finished in Matte black acoustically transparent paint for low light reflection being the ceiling requirement in cinemas, home theatres, auditorium stage and studios.



Woody Wool



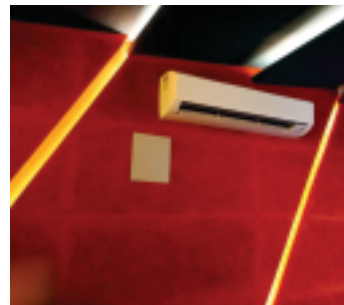
- Super fine filament-type pinewood long fiber, magnesite bonded
- Rugged, stable with natural acoustics, natural breathing



PRODUCT DATA

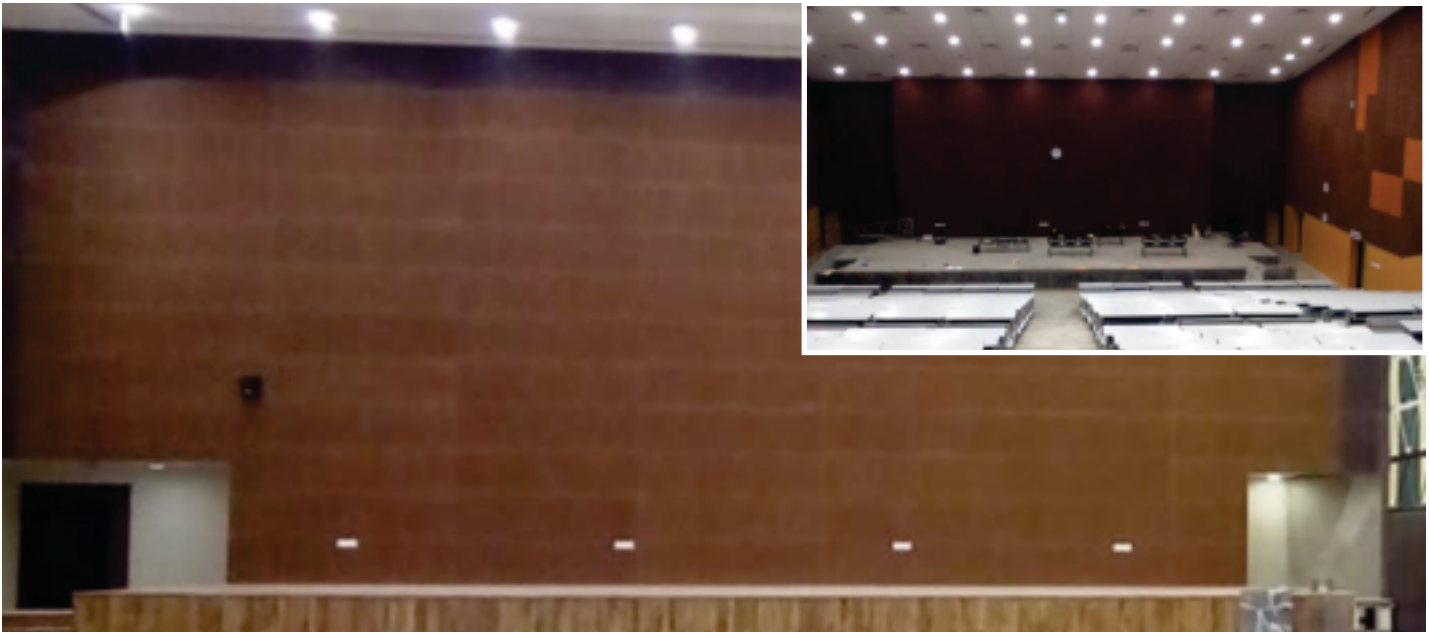
Finish	WoodyWool
Core	Woodfibre
Thickness (mm)	10,15, 20, 25, 35, 40, 50
Size (mm)	595x595/1195, 600x600/1200
Density (Kg/m ³)	400
Weight (Kg/m ²)	4, 6, 8, 10
Fire (Class)	1 & P
NRC	upto 0.9
Thermal (W/mk)	0.07
Climate (°C, RH)	50, 95
Light (%)	White: 80, Black: Low light reflectivity & colour dependant
Green (VoC, RC%)	Low, 35
Warranty (Years)	10
Maintenance	Brush, Vacuum, Repaint

Application: Offices / Malls / Cinemas /Clubs/ Stadiums
Home Theatres/Studios /Education/Auditoriums/Hospitals
Homes/Airports



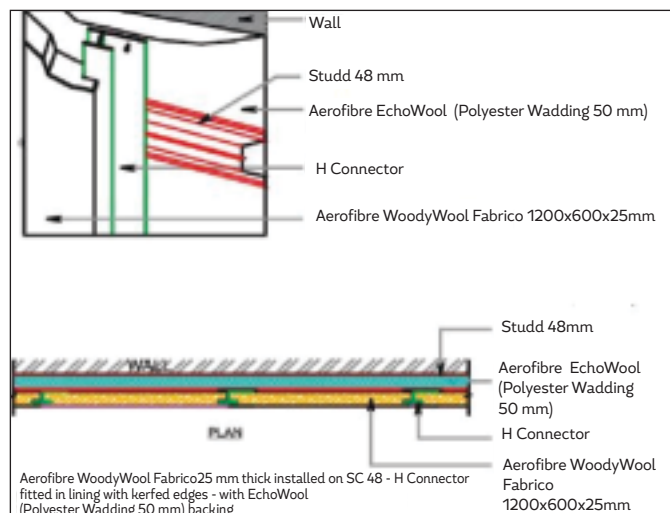
Accessories – for Ceiling Tile: GridT24, EchoWool

for Wall and Ceiling Panel work: CS , IC, PC, CA, Z Connector, H-Connector, Impale Connector, EchoWool, Adhesive A-1



WoodyWool Fabrico wrapped over WoodyWool boards is an attractive, aesthetically pleasing solution for sound absorption and noise control. WoodyWool Fabrico is made from pinewood's long superfine filament-type fibres that are bonded with magnesite permitted additives. It is extremely robust panel with honeycomb type micro porous structure, which achieves excellent sound and heat insulation. Rendering architects are now provided with the best eco-friendly solution for heat insulation and sound absorption purposes. These are aesthetically pleasing acoustic systems and easy to install.

Fabrico: The fabrics on the surface are available in different types in a wide range of colours and patterns

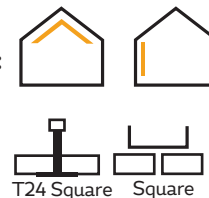


WoodyWool Fabrico (Fur / Ribbed)

- Fabric finish for rugged use
- Ribbed fabric with impact resistant substrate
- Plain fur type fabric surface, with impact resistant substrate, (Cost effective fabric finish)
- Core material: Super fine filament-type pinewood long fiber, magnesite bonded impact resistant durable boards.

Applications :

**WALLS
&
CEILINGS**



PRODUCT DATA

Finish	Fabrics (Ribbed / Fur)
Core	Woodfiber
Thickness (mm)	20, 25
Size (mm)	600x600/1200/2400
Density (Kg/m ³)	400
Fire (Class)	1 & P
NRC	upto 0.9
Thermal (W/mk)	0.08
Climate (°C, RH)	50, 90
Light (%)	Colour dependant
Green (VoC, RC%)	Low, 30
Warranty (Years)	3
Maintenance	Brush, Vacuum

Accessories – Z Connector, H-Connector, Impale Connector, EchoWool, Adhesive A-1



EchoWool is a thermo-acoustic insulation available in roll form made from 100% polyester fiber bonded using heat instead of traditional chemical binders. Fire rated EchoWool is naturally resistant to moisture, vermin, insects, mould and bacteria, eliminating the need for any chemical additives and treatments.

Aerofiber is proud to introduce our high-performance range of 100% polyester based thermal and acoustic insulation products, designed for commercial and industrial buildings. EchoWool insulation is used around the world to create buildings that are warm, dry, quiet, healthy and energy-efficient, for enhanced 'green' building credentials. Polyester is the fiber extruded from polyethylene terephthalate (PET), a widely used synthetic fiber traditionally used in clothing and bedding. Most of the polyester we use has been recycled from various sources such as plastic bags and packaging.

Polyester does not "leach" any chemicals and is food safe. The polyester fibre we use is the same as that found in clothing and bedding. Polyester is also used extensively in medical applications due to its safe nature. Polyester fibres do not contain nor produce any ozone depleting substances or gases. They are odourless and contain permissible levels of Volatile Organic Chemicals (VOCs). Polyester is classified as "no more toxic than natural wood".

Aerofiber EchoWool insulation range offers the widest range of thermal and acoustic insulation products under one brand in the Indian market. We offer a full suite of thermal and acoustic solutions for walls, ceilings, roofs, and underdeck floors to suit most residential and commercial project requirements.

Eco-friendly and recycling Practices: EchoWool fibre is a downstream derivative of the petroleum industry, thermoset from recycled fibres and is fully recyclable. EchoWool is an infill material that enhances the acoustic performance of drywall, ceiling and panelling.

Fire Resistance: EchoWool is made from fire resistant material. It requires quite high temperature to burn. However, fires can still occur due to other non-FR grade products and systems in the project especially where lights & other electrical fixtures are installed which can cause them to overheat and burn.

Application: Auditorium, Theatres, Recording Studio, Music hall, Stadium, Lecture Hall, Hotel, Hospital, Museum, Library, Banks, Courts, Multi-function hall, Meeting rooms, Business office, Partitions, Conference Hall, high end villa or private living space and other public buildings.



EchoPanel is a thermo-acoustic board available in different thicknesses from 9mm to 50mm. It is made from 100% thermally bonded polyester fibres instead of traditional chemical binders. The core-pigmented, rigid boards that can be easily cut at site and installed to dimension requirements by adhering to plyboard or other walls with suitable adhesive. Apart from walls, EchoPanel is an excellent solution when installed over workstation barriers with proprietary adhesives for sound absorbing requirements.

EchoPanel

- Thermally bonded, chemical free, eco-friendly, does not itch

WALLS
&
DESIGNS
SOLUTIONS



PRODUCT DATA

Finish	Polyfiber Matte
Core	Polyester fiber
Thickness (mm)	9 to 50
Size (mm)	1200x2400
Density (Kg/m ³)	180-200
Weight (Kg/m ²)	4-30
Fire (Class)	IS-15061 / BS-3119
NRC	upto 0.90
Thermal (W/mk)	0.04
Climate (°C, RH)	49, 95
Green (VoC, RC%)	Low, 25
Warranty (Years)	1
Maintenance	Vacuum

Accessories – Adhesive

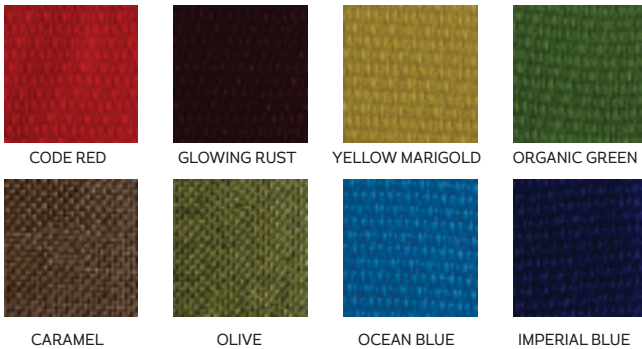


Fabrico Stretch

- Useful for wall stretch systems
- Wide range of colours available

PRODUCT DATA (IN ALL PRODUCTS)

Finish	Fabrics
Core	Polyester
Thickness (mm)	0.6
Weight (g/m ²)	240
Fire (Class)	1 & P
NRC	0.25
Climate (°C, RH)	50, 95
Light (%)	Colour dependant
Green (VoC, RC%)	Low, 25
Warranty (Years)	3
Maintenance	Brush, Vacuum



Fabrico Fur

- Rigid backing for fabric integrity
- Works best factory wrapped on rigid wall panels
- Insitu sticking not recommended

PRODUCT DATA

Finish	Fabrics
Core	NW Polyester
Thickness (mm)	3
Weight (g/m ²)	500
Fire (Class)	1 & P
NRC	0.25
Climate (°C, RH)	50, 95
Light (%)	Colour dependant
Green (VoC, RC%)	Low, 25
Warranty (Years)	3
Maintenance	Brush, Vacuum



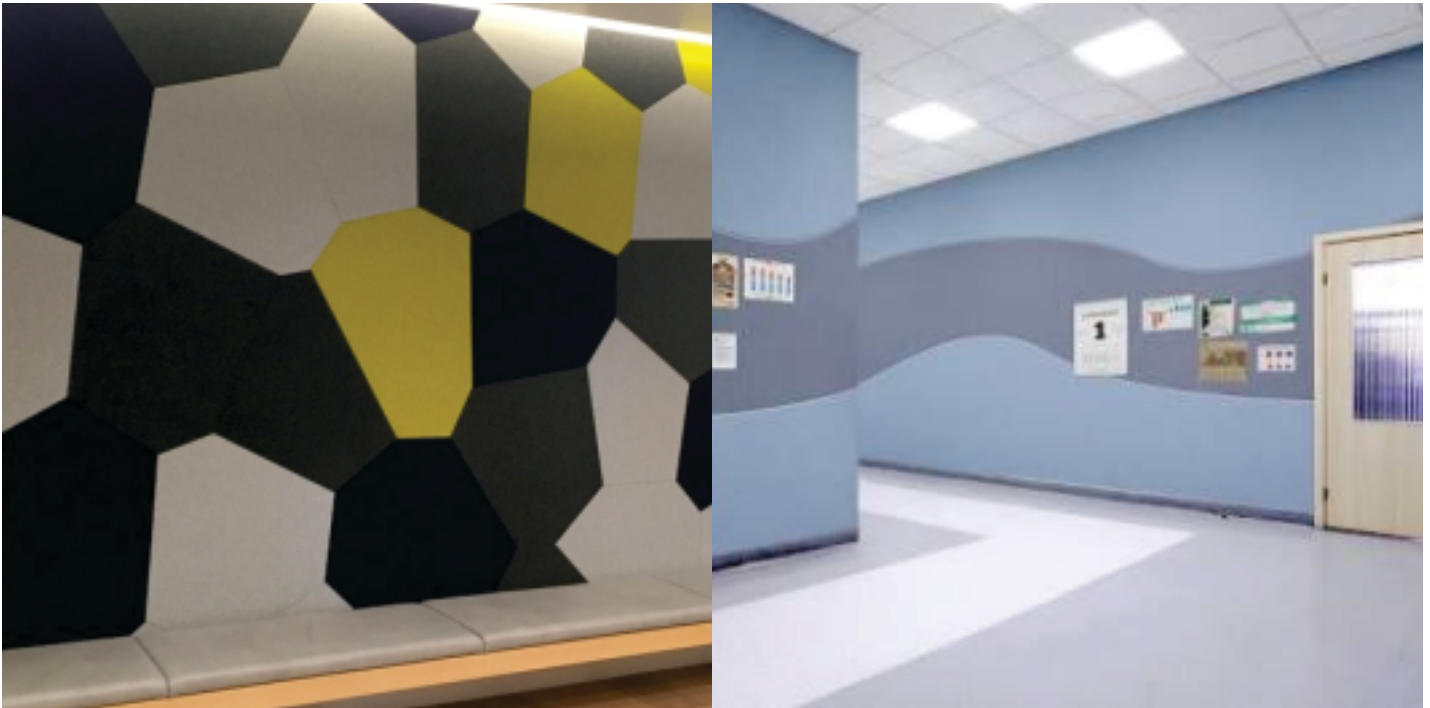
Fabrico Ribbed

- Well-formed ribs, straight lines
- Rigid backing for fabric integrity

PRODUCT DATA

Finish	Fabrics
Core	NW Polyester
Thickness (mm)	4
Weight (g/m ²)	750
Fire (Class)	1 & P
NRC	0.25
Climate (°C, RH)	50, 95
Light (%)	Colour dependant
Green (VoC, RC%)	Low, 25
Warranty (Years)	3
Maintenance	Brush, Vacuum

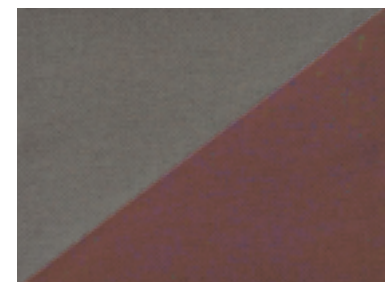
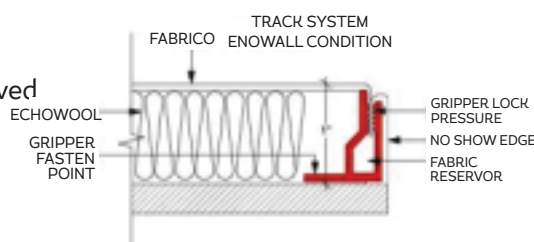
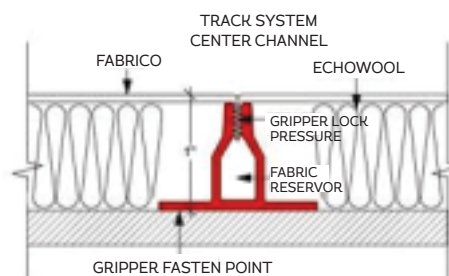




Stretch-Insitu is a system which is available in fabric, vinyl and custom graphic finish options. This system is widely used for its high acoustic performance in a choice of fabric and vinyl shades with custom graphics for seamless walls and ceilings. Four variants of stretch-Insitu systems are available GP 15, GP 25, GP 38 and GP 50 which can be selected based on the acoustic performance desired and the limitation of the finished levels available at the site. EchoWool is used as an infill material and for higher acoustics requirements WoodyWool/EchoPanels are also used as backer boards. Stretch-Insitu is an incredibly scalable design option to form various shapes and designs while meeting the functional performance criteria, at a cost-effective value proposition. Fabric and Vinyl's are available in a range of attractive colours.

FEATURES

- Provides a seamless continuous finish
- Easy to integrate outlets, switches and lighting
- All work is finished on site by trained skillsets
- Perfect tolerance that meets all architectural designs
- Nil sagging, gaps or ill-fitting of stretched fabric/vinyl
- Adaptable to virtually all kinds of fabric
- Any depth can be accomplished, or multiple system depths can be achieved
- Multiple core materials are used based on functional design criteria
- Finished edge terminations are clean at wall corners and connections
- Fabric can be removed for future replacement
- Fabric is stretched, not glued; allows for high tension applications
- NRC rating up to 0.95



DUAL TONE



MULTI COLOUR

Accessories – GP 15/25/38/50, EchoWool, Adhesive A-1



Aerofiber Acoustic Baffles are vertically suspended sound absorbing elements used to reduce noise levels in offices, industrial, recreational and other high traffic and noisy areas. They are suspended from wires or dropped down from the structure. Actual room noise reduction can be brought down by 10~15 dB depending on the configuration of the baffles installed and the absorption levels present before installing the baffles. Aerofiber Acoustic Baffles have good sound absorbing properties with optimum NRC 0.75 possible in baffles and are available in Softra (Soft fibre), Echopan and natural WoodyWool core variants.

Aerofiber Baffle is designed to reduce sound reverberation and provide a peaceful environment with its steep structure. These baffles are wrapped with either textured scrim matte surface or in soft fabrics and vinyl finish options. Their high sound absorbing performance, durability and eye pleasing appearance are an unmistakable element in interior spaces. Aerofiber baffle products are Class 1 fire rated. The acoustic hanging Baffles are constructed with grommets, which allow for a quick and easy installation.

Ideally suited for open ceiling designs and acoustic corrections in places where it is not possible to install a false ceiling. The application of baffles is the ideal option for reducing reverberation due to the wide sound absorbing surface provided by the vertical elements.





Softra Tex/Fabrico/Vin/Echopan

- Texture matte, fabric and vinyl finishes for open ceilings industrial designs
- A wide choice of colours from pastel shades to vibrant hues in texture, fabric and vinyl finishes.

WoodyWool / WoodyDab

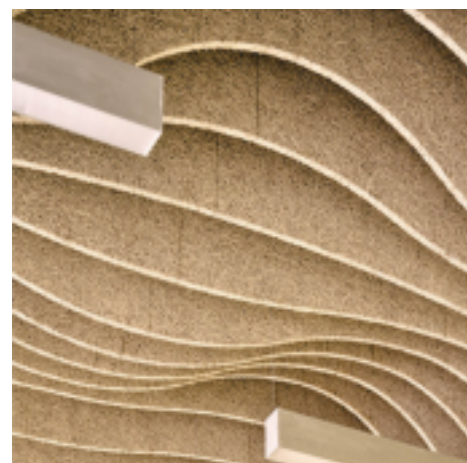
- Crisp edges, sharp corners
- Natural wood fibers used as materials

PRODUCT DATA

Finish	Fabrico/Tex/Vin/Echopan
Core	Glassfiber
Thickness (mm)	50
Size (mm)	600/1200
Density (Kg/m ³)	120
Weight (Kg/m ²)	6.0
Fire (Class)	1 & P
NRC	Upto 0.75
Thermal (W/mk)	0.04
Climate (°C, RH)	49, 95
Light (%)	Colour dependant
Green (VoC, RC%)	Low, 25
Warranty (Years)	3
Maintenance	Vacuum Brush

PRODUCT DATA

Finish	WoodWool/WoodyDab
Core	Woodfiber
Thickness (mm)	50
Size (mm)	600/1200
Density (Kg/m ³)	400
Weight (Kg/m ²)	15
Fire (Class)	1 & P
NRC	Upto 0.75
Thermal (W/mk)	0.07
Climate (°C, RH)	49, 95
Light (%)	Colour D.
Green (VoC, RC%)	Low, 40
Warranty (Years)	3
Maintenance	Vacuum, Paintable



Accessories – Anchors, wire



Aerofiber Acoustic Rafts are used to reduce noise levels in offices, industrial, recreational, and other noisy areas, and are suspended as floats with wires anchored from the ceiling structure. Actual room noise reduction can be up to 10 to 15 dB depending on the configuration of the Rafts and the absorption present before installing the rafts. Aerofiber Acoustic Rafts have excellent sound absorbing properties with NRC 0.85 and are available in Softra (Soft fibre), Echopan, WoodyWool, WoodyDab as the core element.

Aerofiber Raft are engineered acoustical products with an all-round scrim facing, finish giving exceptional levels of acoustic performance and high light reflectance. Ideal for noisy environments where traditional acoustic ceilings are either not possible due to structural design limitations or cannot provide the high level of performance required. Acoustic Rafts provide an economic solution with an attractive float's in the ceilings, a modern visual to enhance today's building interiors. An innovative application for specific acoustic corrections designed for wide spaces with sound sources and receivers, where covering the entire ceiling surface is not necessary. It improves the acoustic comfort of the place by giving expression to design.



Softra-Fabrico/Tex/Vin/Echopan



Rafts

WoodyWool / WoodyDab



- Dual surface sound absorption for best results
- Open plenum for the industrial looks design
- A wide range of acoustic islands in the sky in choice of colours from light pastels to brilliant hues

PRODUCT DATA

Finish	Fabric/Tex/Vin/Echopan	WoodyWool / WoodyDab
Core	Glassfibers	Woodfibers / Woodyparticle
Thickness (mm)	25-30mm	40-50mm
Size (mm)	600/1200	600/1200
Density (Kg/m ³)	100 - 120	400
Weight (Kg/m ²)	3.0	10
Fire (Class)	1 & P	1 & P
NRC	Upto 0.85	Upto 0.85
Thermal (W/mk)	0.04	0.07
Climate (OC, RH)	49, 90	49, 90
Light (%)	Colour dependant	Colour dependant
Green (VoC, RC%)	Low, 25	Low, 35
Warranty (Years)	3	3
Maintenance	Vacuum Brush,	Vacuum, Paintable

SOFTRA GEOMETRICS

Flats / Curves / Shapes / Square / Rectangle / Circle / Hexagon / Triangle

- Brilliant white finish for high light reflectance
- Fast & easy to install
- Flat, convex, concave, circle and hexagon choices
- Black plenum recommended

PRODUCT DATA

Finish	Textures
Core	Glassfiber
Thickness (mm)	30
Size (mm)	1000 x 1000 & 1200 x 1200, dia 1000 / 1200
Density (Kg/m ³)	120
Weight (Kg/m ²)	3.6
Fire (Class)	1 & P
NRC	Upto 0.85
Thermal (W/mk)	0.04
Climate (°C, RH)	45, 95
Light (%)	85
Green (VoC, RC%)	Low, 25
Warranty (Years)	3
Maintenance	Vacuum, Damp-wipe



Accessories – Anchors, wire



Aerofiber GYPRIFT Lamina are paper laminated gypsum-based glassfiber-reinforced perforated board and tiles. These are designed based on the Helmholtz resonance principle. The perforated boards when installed along the wall or ceilings will make up of many resonant cavities. When the air molecules pass through the perforations (holes) the resonant cavities consume a large amount of sound energy. Aerofiber Gyprift Lamina is an ideal sound absorption product being widely used for acoustic treatment in auditoriums, offices, cinemas and schools.

Product Features

- | | |
|---|--------------------------------|
| 1. Acoustic perforated gypsum board / Tiles | 2. Light weight |
| 3. High edge rigidity | 4. Strong nail pull resistance |
| 5. Smoothness | 6. Green products |



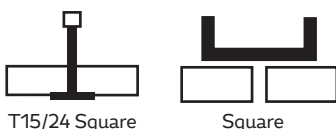
AEROFIBER GYPRIFT LAMINA

Gyprift Lamina (Squares / Rounds / Galaxy)

- Seamless continuous finish
- Curved ceiling is possible



**WALLS
&
CEILINGS**

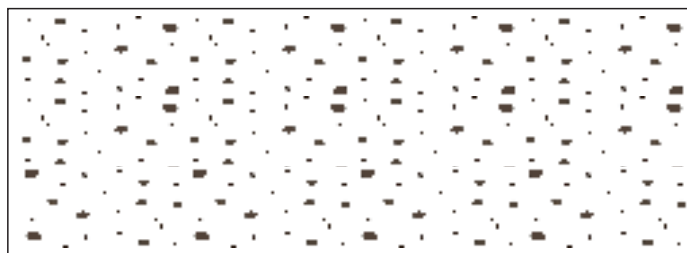


T15/24 Square

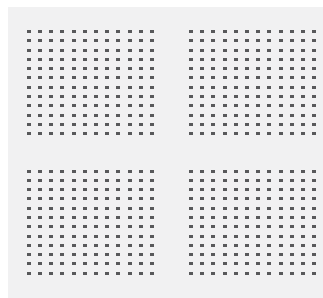
Square

PRODUCT DATA

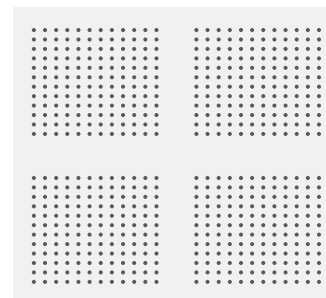
Finish	Paper
Core	GFR Gypsum
Thickness (mm)	12.5
Size (mm)	Tile: 595x595, Panel: 1200 x 2400
Density (Kg/m3)	800
Weight (Kg/m2)	9
Fire (Class)	1 & P
Dia	3, 6, 8, 10, 12
NRC	0.75
Climate (°C, RH)	50, 70
Light (%)	78
Green (VoC, RC%)	Low, 25
Warranty (Years)	3
Maintenance	Brush, Wipe, Vacuum



GALAXY



SQUARES Dia 3,6,8,10,12



ROUNDS Dia 3,6,8,10,12



Accessories – for Tile: Grid T15, T24, EchoWool

Accessories – for Wall and Ceiling Panel work: CS, IC, PC, CA, EchoWool



Aerofiber GypRift GRG are (Glass Reinforced Gypsum) Ceiling Tiles, a concept to achieve optimum creativity & functionality. Glass fibre Reinforced Gypsum is developed to allow architects and designers to incorporate complex or simple elements that lead to an exciting dimension to interior spaces. A composition of high strength gypsum reinforced with glass-fibres, factory finished into any shape or size.

GRG Tiles are non-combustible confirming to Non-Combustibility protocol. Our Full process of manufacturing confirms to IS 2095.



AEROFIBER GYPRIFT (TEX, PERFORATED)

Gyprift (Tex, Perforated)

Application:



CEILINGS
TYPE



T15 Tegular



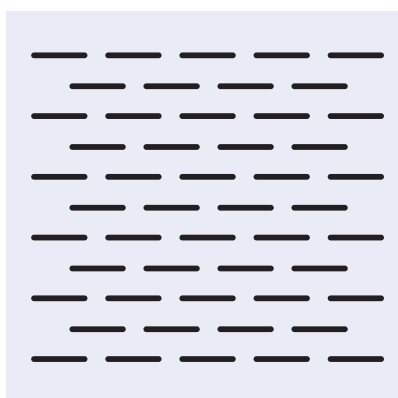
T24 Square



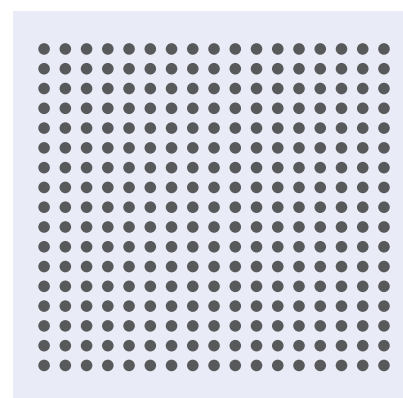
LINES STRAIGHT

PRODUCT DATA

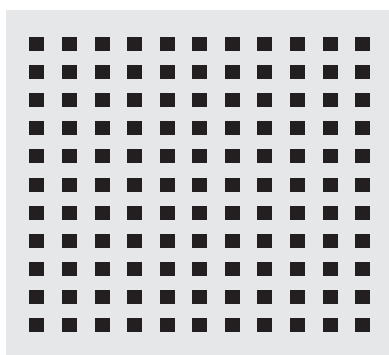
Finish	Plaster
Core	GRG Gypsum
Thickness (mm)	10, 12
Size (mm)	Tile: 595x595
Density (Kg/m3)	800
Weight (Kg/m2)	9
Fire (Class)	1 & P
Dia	3, 6, 8, 10, 12
NRC	upto 0.9
Climate (°C, RH)	50, 70
Light (%)	75
Green (VoC, RC%)	Low, 25
Warranty (Years)	3
Maintenance	Brush, Wipe, Vacuum



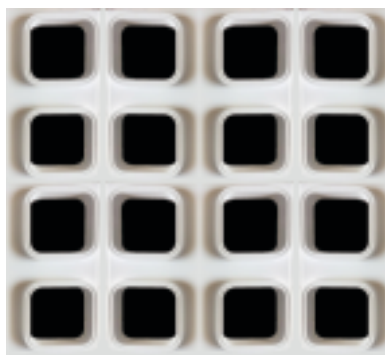
LINES STAGGERED



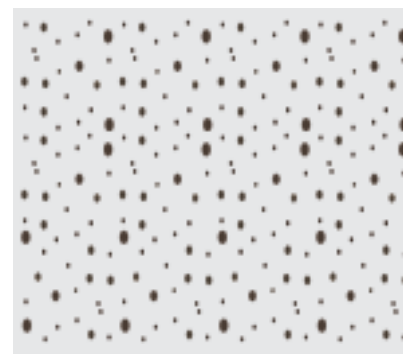
ROUNDS



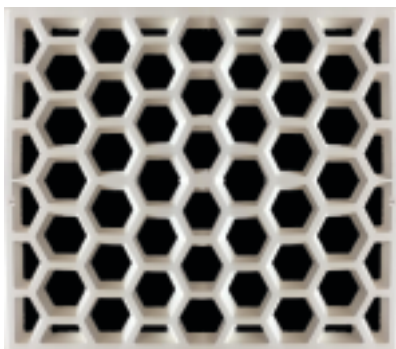
SQUARES



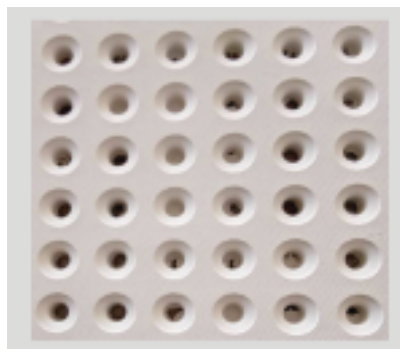
OPEN CELL



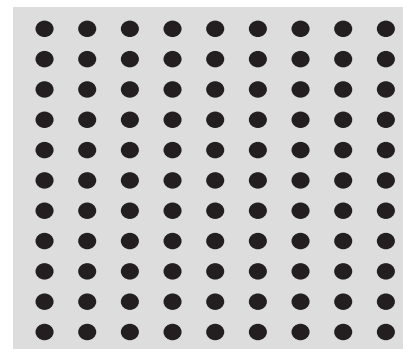
GALAXY



HIVES



CONES



ROUNDS DIA 3,6,8,10,12

Accessories – for Tile: Grid T15, T24, EchoWool

CALRIFT/CALTEX

CalRift and CalTex are calcium silicate tiles manufactured using non-cementitious calcium silicate compounds reinforced with fiber & natural fillers with aggregates, ingredients which qualifies it as a green building product. These tiles are then dried, trimmed, punched and fissured (if required) and then prime coated on both sides to the required surface finish. Tiles are then painted with solvent-free paint. These tiles are available in various sizes, textures, perforations and thickness, though most common size for false ceiling is 595 x 595 mm with 15 mm thickness moulded as per requirement.

Non-cementitious hydrated calcium silicate, reinforcing fibres and natural fillers are free from asbestos, formaldehyde and other harmful substances. Low VOC content ensures that it does not contain any toxic ingredients.

PRODUCT DATA

Humidity resistance

RH 100%

Fire resistance

Non-combustible as per BS 476 Part IV
Class O/Class 1 as per BS 476 Part VI & VII

Thermal conductivity

K value $\leq 0.05 \text{ W/m}^2\text{K}$

Light reflectance

>85%

Weight

4.8 kgs/m²

Sound absorption

NRC upto 0.9 (CalRift)

Sound attenuation

32dB (CalTex)

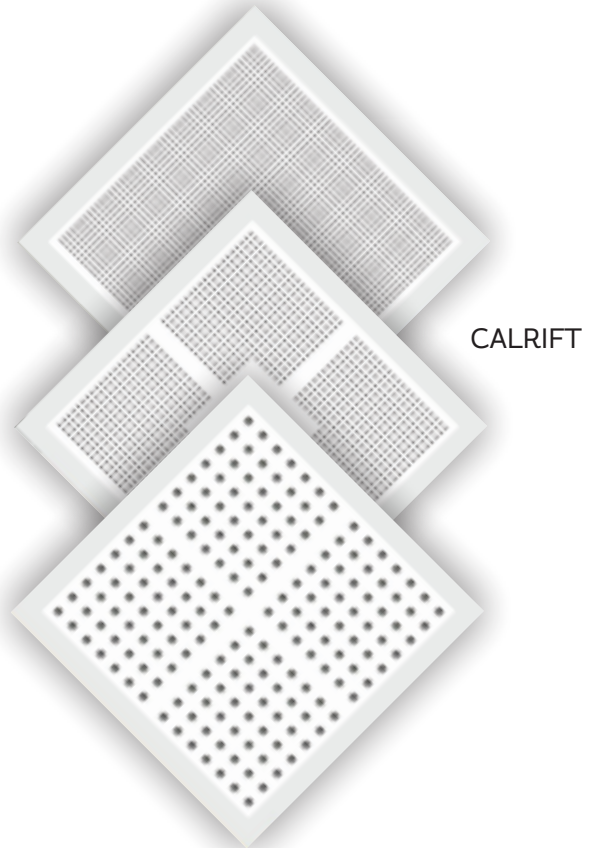
Density

360kg/m³

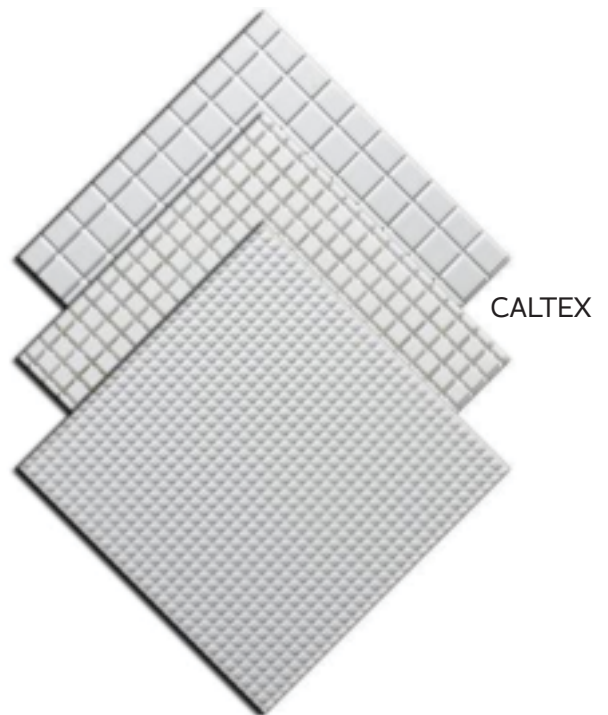
DIA

3, 6, 8, 10, 12

Accessories – for Tile Grid T15, T24 / EchoWool



SQUARES/ROUNDS DIA 6,8,10,12





Aerofiber MagTuff and MagRift are magnesium oxide (MgO) based, non-insulating sheathing boards and tiles, with much improved characteristics such as fire resistance, weatherability, strength and resistance to mildew. These are new generation, high performance, eco-friendly systems completely free of toxins (asbestos, formaldehyde or silica) has no odour and releases that may affect the environment and do not emit any hazardous substance even when exposed to high temperatures. MagTuff and MagRift consists of natural mineral ingredients only and are completely free of any toxins. These eco-friendly ingredients are Magnesium oxide (MgO), magnesium chloride (MgCl), perlite (SiO₂), fiberglass scrim, cellulose, proprietary additives etc. Magnesium oxide, the main ingredient of MagTuff and MagRift, are made from natural minerals which is widely used in medicine, food industry, water purifying systems and its antiseptic properties helps in prevention of mildew growth. When working and handling MagTuff and MagRift the dust produced is not so much so as to cause any inhalation irritation. By adapting recycled and pollution-free natural material, it surely meets the requirements of environmental protection.

Aerofiber MagTuff and MagRift are water resistant and virtually impervious to water (not more than 0.34 weight %). Aerofiber MagTuff MagRift are insoluble in water and prevents delamination of the board as well as swelling after long-term exposure to water.

MagTuff and MagRift are fire-resistant, non-combustible products with fire rating classified as Non-flammable Class A1 to European standards. High fire resistance of Aerofiber MagTuff and MagRift prevents fire and flame spread thus ensuring safety. Non-flammable A-class material is adopted and hence will not burn. The system limitation of fire endurance is up to 4 hours. At high temperature Aerofiber MagTuff and MagRift do not emit any toxicants or stifling smoke.

Aerofiber MagTuff and MagRift does not support the growth of mildew at all, as there is nothing in it to attract mildew. Similarly, insects have no interest in it, as it is inedible.

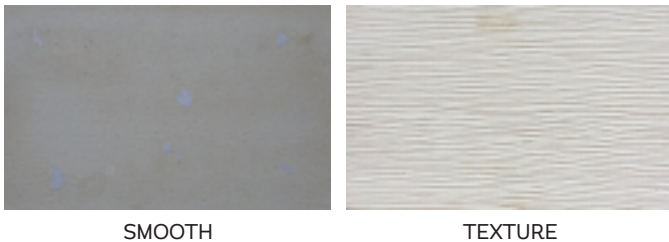
MagTuff is characterised by excellent Sound Isolation & MagRift is with perforation for sound absorption. These can be successfully used in combination with modern insulation materials (insulant, construction membrane) as an aesthetic element of the building with excellent Sound Isolation (44db ~ 60db) & Sound Absorption (upto NRC 0.80)

MagTuff is widely used primarily as wallboard being an alternative to lower performing conventional gypsum-based acoustical noise rated wall partitions. MagTuff can be scored and snapped, sawed, drilled, and fastened to wood or steel

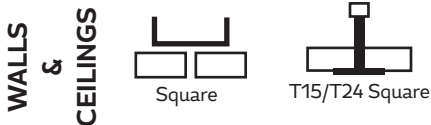
framing. It can be used for interior or exterior applications. MagTuff is a good example of the advances made in construction materials to meet changes in building codes for safety and durability. MagTuff can be used for several applications including wall and ceiling linings, facias, soffits, tile backing, underlayment, internal partitions and wall panelling construction.

MagRift is used for Ceiling and panelling in DATA Centres, Hotels, Hospitals, Residences, Offices, Recording Studios, Auditorium, Multiplexes, Banquet Hall, Lecture Hall, Multi-functional Hall, Research Labs, Industrial, Noise Isolation Areas, High Wet areas, High Fire risk Areas, High Humid Areas, Home Theatre, educational, IT Sector, BPO's.

MAGTUFF (Smooth / Texture)



- Seamless continuous finish

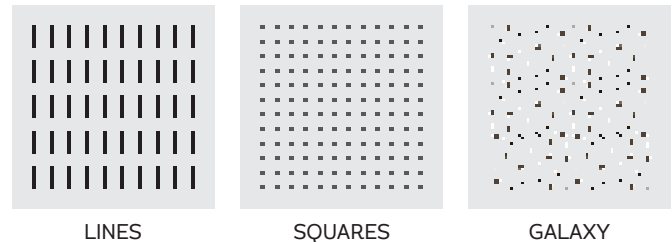


PRODUCT DATA

Finish	Plaster
Core	MGO
Thickness (mm)	8, 10, 12
Size (mm)	1200 x 2400
Density (Kg/m ³)	upto 1500
Weight (Kg/m ²)	8, 10, 12
Fire (Class)	1 & P
System STC	upto 60 db
Climate (°C, RH)	50, 99
Light (%)	Paint dependant
Green (VoC, RC%)	Low, 30
Warranty (Years)	3
Maintenance	Brush, Wipe, Vacuum

Accessories – for Wall and Ceiling Panel work: CS, IC, PC, CA, EchoWool, For Partition work: FC, SS

MAGRIFT Lines, Squares, Rounds, Cosmos



- Seamless continuous finish



PRODUCT DATA

Finish	Plaster
Core	MGO
Thickness (mm)	8, 10, 12
Size (mm)	595x595, 600x600
Density (Kg/m ³)	upto 1500
Weight (Kg/m ²)	8, 10, 12
Fire (Class)	1 & P
Dia	6, 8, 10, 12
NRC	upto 0.75
Climate (°C, RH)	50, 99
Light (%)	75
Green (VoC, RC%)	Low, 30
Warranty (Years)	3
Maintenance	Brush, Wipe, Vacuum

Accessories – for Tile: Grid T15, T24
Accessories – for Wall and Ceiling Panel work:
CS, IC, PC, CA, EchoWool



Aerofiber Foil metal tiles are manufactured from bright steel with high grade polyester powder coated in RAL colours – white, off-white and grey – with 20 % gloss as standard. These tiles are light in weight, known for their robustness and durability and used for the functionality of maintenance -free ceilings. These tiles are suited for internal applications and can be used with EchoWool infill which satisfies a wide range of thermal and acoustical parameters. They are available in various surface perforations and patterns from large holes to micro perforations. These facilitate in the optimisation of reverberation times to suit the acoustics and design requirements of different architectural spaces.

There are three variants in Foil tiles to select from based on the design requirements.

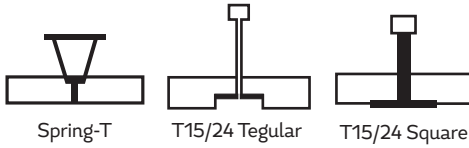
1. **Lay-In-Tiles:** The term lay-in refers to tiles that are placed upon an exposed grid system as distinct from clip-on tiles where the face of the tile is fully visible. Lay-in tiles are used with exposed grid framework usually 15/24mm width; additionally, different grid table widths are possible.
2. **Clip-In-Tiles:** The tiles, manufactured to fine press tool tolerances, are clipped into a concealed Tee Bar Grid. The grid system can be easily installed, and tiles can be removed and replaced for access to the services above. Modular or circular light fixtures and grilles can be integrated into the clip in system. These tiles are used for dirt-free, hygienic conditions and clean room applications like Hospitals, Labs, Pharma, Food Processing and Pantry/Kitchen etc.
3. **Clip in Linear Strip:** Linear Beam Grid system provides a high specification solution for office environments. The beam sections are arranged in one direction to create a linear ceiling effect, and are used to support the ceiling panels, light fittings and partition tracks. Beams can be produced in a variety of widths, and the system is generally supplied in 100, 200, 300 mm width as per the required lengths. Tiles can be produced with a square edge detail (with or without gasket) or with bevelled edges on longer lengths and can be hinged from the beam if necessary.

Foil Tiles (Perf Types: Rounds /Squares)

- Foil metal ceiling tiles are sturdy and built to last

Application: 

CEILING



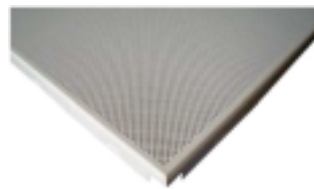
PRODUCT DATA

Finish	Metals
Core	AL / GI
Thickness (mm)	0.5, 0.6
Size (mm)	Lay-in: 595x595/1195, Clip-in 600x600/1200
Density (Kg/m ³)	785
Weight (Kg/m ²)	5.0
Fire (Class)	A
NRC	upto 0.90
Dia	0.8, 1.2, 1.5, 1.8
Climate (°C, RH)	50, 95
Light (%)	78
Green (VoC, RC%)	Low, 25
Warranty (Years)	3
Maintenance	Brush, wipe, Vacuum

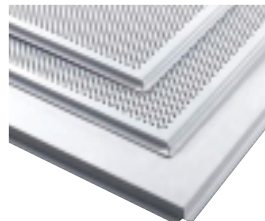
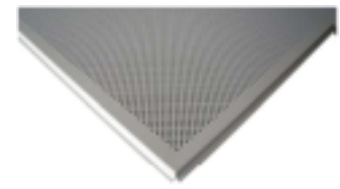
PLANKS



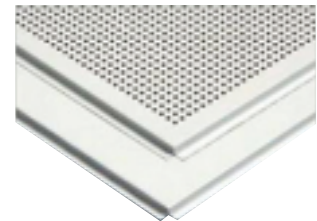
Foil Clip In



Foil Lay In



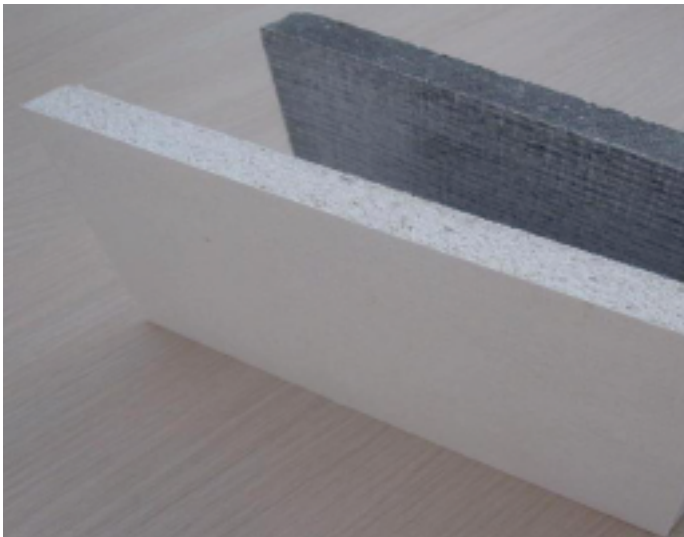
SQUARES



ROUNDS



Accessories – For Lay-in : Grid T15, T24, EchoWool
For Clip-in: Grid Spring - T, Plank System, EchoWool



SoundStopz System is a sandwiched high-density panel that combines with a sound-deadening sandwich layer in a sound board engineered to ensure a peaceful interior environment. It is a non-porous high mass product that exhibits non-resonant qualities due to its inflexible nature and is a favourite amongst consultants and architects/designers for sound isolation partition system. The SoundStopz System controls noise by blocking the transmission of sound energy and damping vibrations. SoundStopz System can be added to a variety of common wall and ceiling constructions to improve the sound blocking performance of the structure. SoundStopz System performs well when trying to deter common noises with average decibel levels of 60-70 db. These noises may be generated from voices, TV's and stereos. SoundStopz system sandwiched HD fiber panel provides an economical solution for sound isolation both in residential and commercial construction. It helps in reducing sound transmission through partitions, surrounding walls, ceilings and floors. It also deadens sound transmissions in higher frequencies within our hearing range and can reduce sound transmission through interior or exterior walls. It's a lightweight, yet rigid and versatile soundproofing system with ease of installation by regular drywall installers.

FIRE RATED ASSEMBLY

SoundStopz is a multi-functional system suitable for both noise and fire rated wall requirements in commercial, industrial and residential spaces requiring a one-hour fire rating.

ENVIRONMENTALLY FRIENDLY

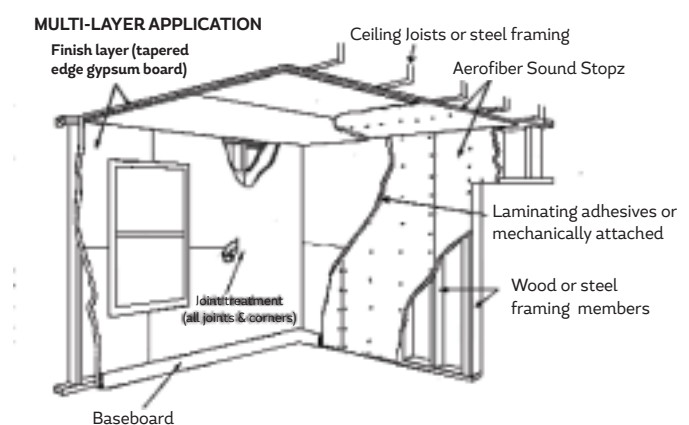
SoundStopz is an engineered system constructed with HD bonded Fibres, is an eco-friendly construction and insulation material as it does not contain any volatile organic compounds and binding agents.

TECHNICAL PERFORMANCE

Thickness	: 20mm / 24 mm
Edge	: Square
Fire Class	: I & P
Sizes	: 600 x 1200
STC	: System STC upto 74
Density	: upto 1500 kg/m3
Climate (RH)	: 99

INSTALLATION SYSTEM

MULTI-LAYER APPLICATION



Multi-layer system provides greater fire resistance sound control and durability. All finish layer joints and fastener heads are treated before decorating.

APPLICATION AREAS

The varied application areas where SoundStopz can be used are, offices, auditoriums, multiplexes, libraries, hotels, indoor stadiums, meeting halls, hospitals, educational, industrial, airports, recording studio, manufacturing Units, museums, malls, DG Rooms, banquet halls, residences etc.



WoodyWool BSI (Both Side Isolator)

- An Aerofiber invention
- Both surfaces isolators with all edges tapered for acoustic jointing as required.
- Great LF sound absorber (where exposed), LF noise/vibration isolation as backer board



WoodyWool Isolator

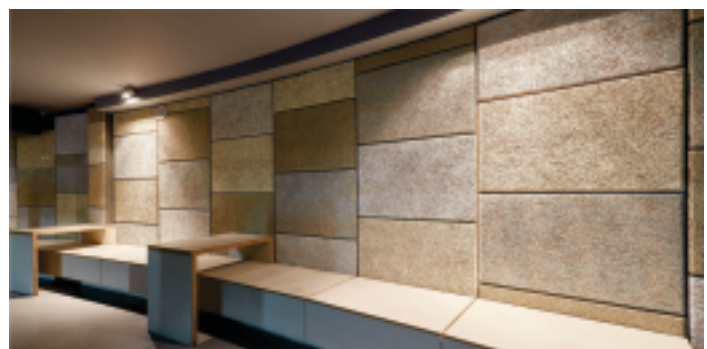
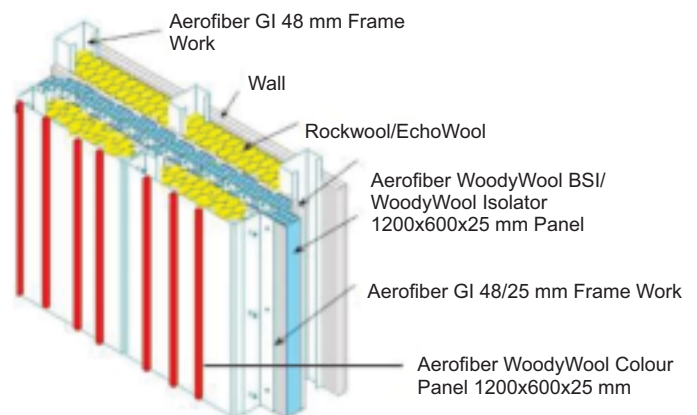
- o Dual purpose - Low Frequency sound absorber and noise isolator across all frequencies
- o Septum layer sandwiched in the manufacturing process
- o An Aerofiber invention

ENVIRONMENT FRIENDLY

This product can be used in multiple applications as listed below:

- Offices
- Healthcare
- Hospitality
- Public Space
- Airports
- Malls
- Cinemas
- Auditorium
- Clubs
- Education
- Sports
- Stadiums
- Small Venues
- Home Theatres
- Studios
- Homes

INSTALLATION SYSTEM



Aerofiber QuietFloor ensure a quiet space below rooms in residences and commercial space where dance, exercise and weightlifting activities create bothersome impact noise being transferred to the space below. QuietFloor system also provide superior spring floor cushioning to reduce injury and fatigue.

Aerofiber QuietFloor panels serve a wide variety of applications where the absorption of impact and sound isolation is required. QuietFloor panel is an engineered floating floor system that allows multi-use buildings to function by mitigating structure borne sound transfer between floors. Impact isolation of floors is required for applications such as 'free weight drop' and 'treadmill noise' in health clubs, 'heavy floor impact' for activities such as 'dance studios', 'martial arts', or 'aerobics classes'. QuietFloor system helps in ensuring no noise transfer between floors on account of low frequency music like drums etc. QuietFloor Panels are ready to be installed right out of the box and do not require any special tools or training. The Tongue and Groove panels are simply tapped together using a hammer and spare piece of wood. It is recommended that they are installed in a 'brick' pattern for the greatest stability followed by an overlay of plywood with joints staggered to the QuietFloor panels. For dance floors use a good one side 12mm or as required plywood to retain the maximum resilience. Aerofiber QuietFloor Panels System has the highest acoustic isolation available of any floating floor. Key to its performance are the shaped isolators that consist absorption pads and surrounded by acoustic medium, that are pre-attached to nominal 600x1200mm Tongue and Groove panels for fast and easy installation. A QuietFloor is a floor system that does not need to be nailed or glued to the subfloor. The term QuietFloor is different from laminate wooden flooring or other coverings such as Quiet Tile systems and vinyl flooring in the domestic context. While the others generally perform aesthetically, QuietFloor is the silent worker behind all these flooring products.

FEATURES

- Size: 1200 x 600 mm
- Thickness: 25 - 70 mm
- T&G edge design lets you quickly and easily fit panels into place
- Floats over wood or concrete sub floors.
- Can be finished with tile, wood, vinyl or carpeting above QuietFloor

ACOUSTICAL PARAMETERS

Structural & Air Borne Noise Isolation

Model	STC
25Q3	45
25Q3P	50
50Q3	50
50Q3P	55

TECHNICAL VARIANTS

- Membrane series- for resilient flooring where isolation of structure-borne noise is important. Adhesion to subfloor is by adhesive.
- Non-Membrane series- For isolation of only airborne noise. Adhesion to subfloor is via wooden framework.
- Ply series- where rigid ply base is necessary for the top finishing layer like carpet.
- Fire Performance- BS 476 Parts 5, 6, 7.



INSTALLATION:

- Aerofiber QuietFloor thickness 25~75 mm as per approved drawings as designed, manufactured and installed as per Aerofiber Acoustics guidelines.
- The subfloor is made ready and construction adhesive beads laid to which the Aerofiber Quiet Floor panels are press-fitted. The top finishing flooring material-wooden, carpet, tile and Vinyl is then installed.

APPLICATION :

Aerofiber QuietFloor should be widely used in Discos, Pubs, Auditoriums, Home Theatres, hospitals, Studios, Gyms, Dance Classes, Hotels & Banquet Halls. and any other spaces requiring floor to floor sound and vibration isolation.

VIBRO-HANG & VIBRO-BRACE



Vibro-Hang Solo



Vibro-Brace

Vibration Control Supports System

AEROFIBER QUIETDOOR

Aerofiber Acoustic wooden QuietDoor are used in premier live performance venues and industrial applications where noise and sound control are of primary concern. Of greater importance is high performance consistency in actual field condition noise reduction attained. We deliver a fully factory built, modular site-assembled door unit that includes door leaf, time saving split frame, seals, latching hardware and glazing. All Aerofiber acoustic door sets are tested to ISO 140-3 and will come with a certification tag stating the STC rating of that door set. Each acoustic door in the Aerofiber QuietDoor range can also be certified as a Smoke Control door set. Aerofiber are specialist quiet door manufacturers and supply bespoke interior fire doors, our years of experience combined with the skill of our craftsmen makes us the leading experts in optimising the acoustic performance of any type of door.

We manufacture and specialize in both standard and custom sized doors for a wide range of acoustic requirements, including:

- Auditorium, Multiplexes and Home Theatre
- Music Halls and Concert Venues
- Hotels, Offices and Factories
- Public Buildings, Museums and Galleries
- Hospitals and Nursing Homes
- Schools, Colleges and Universities

We take care to fully understand your exact requirements, so that we can recommend the correct technical specifications for your quiet or soundproof doors.

FEATURES

Testing of QuietDoor/frame units by independent laboratories comply with the most up-to-date standards on the continent. Fire labelled products have been tested. Fire labelled products may be supplied in singles or in pairs. Sound resistance wooden doors are available in 75mm to 100mm thickness from STC 33 to STC 54. Sound resistance Wood doors are available at higher thicknesses from STC 54 to STC 64. Units have been designed to accept readily available heavy weight builder's hardware. Soundproof quiet doors are available with acoustic glazing that is factory pre-installed.

ACOUSTIC SERIES

These doors range from STC 35 – STC 54 and are available as single or paired door sets. The Aerofiber series offers a wide range of leaf facings and frame profiles to date. With large vision panel capabilities these door sets offer a fantastic combination of architectural elegance and certified acoustic performance.

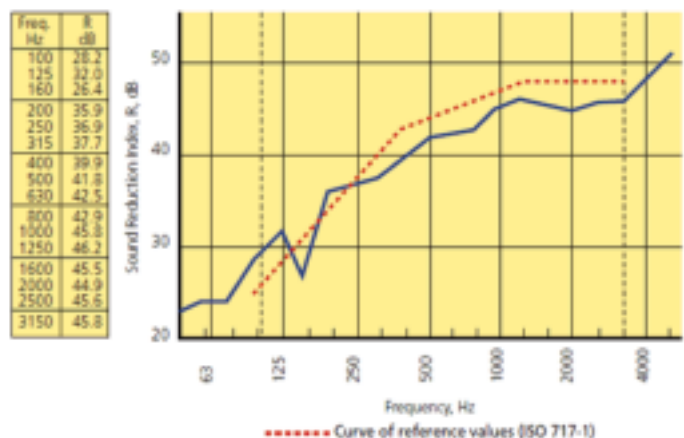
FIRE RATED ACOUSTIC DOORS

Fire rated acoustic doors are an integral part of the commercial building industry. Whether it is an entry door in a large apartment complex, or lecture theatre doors in a university, Aerofiber offers a product that is manufactured to the highest fire door safety standard Upto 120 minutes with certified acoustic performance to ISO 140-3 standards.

INTERCONNECTING DOORS

Configuration of the two-door leaf's is selected depending on your acoustic and other performance requirements – whether that be Fire protection, Security or aesthetic. Aerofiber QuietDoors range of interconnecting doors are from STC 48 – STC 61. Common applications for these doors are either motel room separating doors or music studio doors.

Rw 44 decibel single leaf acoustic doorset.



ADVANTAGES

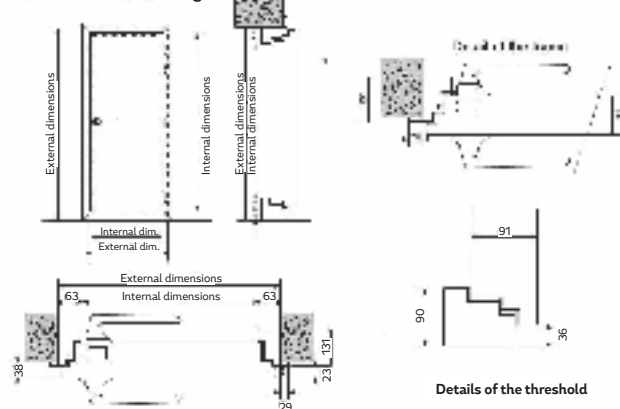
A professional door with exceptional acoustic insulation. Automated manufacturing process. Standard models and special requirements. A wide range of accessories.



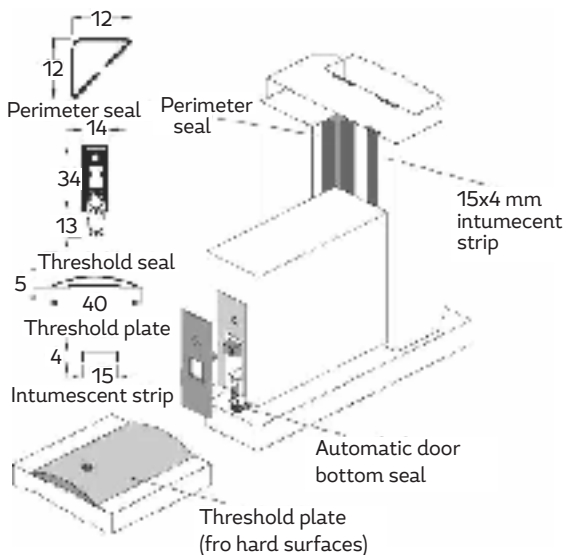
TECHNICAL DETAIL

1.

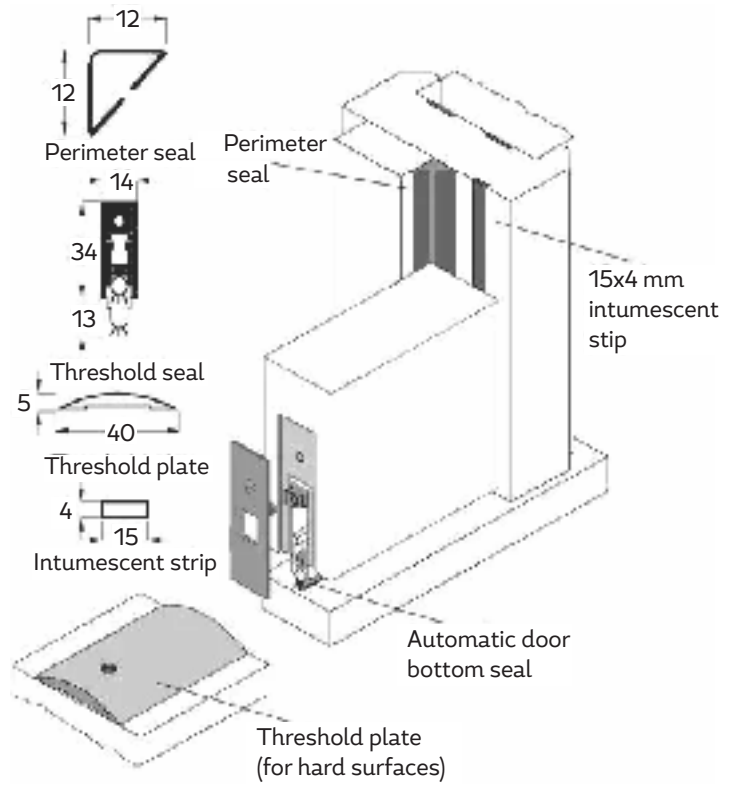
Technical Drawings



2.

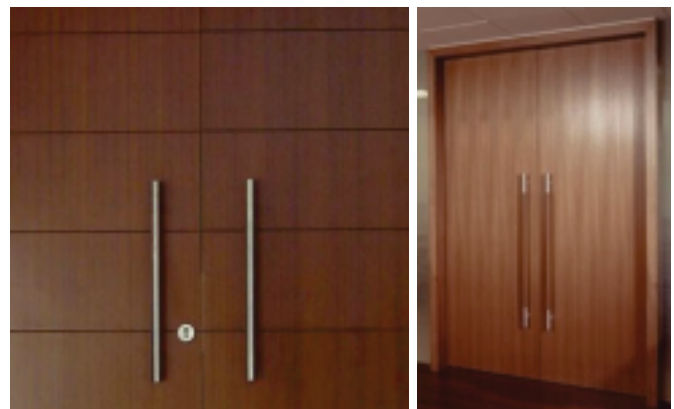


3.



APPLICATION

The single & double leaf acoustic internal door sets are fire rated & available in a wide range of wood veneer & laminate finishes. They are used wherever high sound reduction performance required between noise sensitive area such as Private offices, Conference Halls, Auditoriums, Theatres, Recording studios, Music halls, Home theatres, Stadiums, Lecture Halls, Hotels, Museums, Libraries, Banks, Courts, Multi-function halls, meeting rooms etc.



Accessories for Drywalls

Floor and Ceiling Channel (FC50/72/148): Used as the horizontal metal section and anchored to the ceiling and floor of the metal framed partition systems. The channel is 0.55 mm thick, in width of 50mm, 72mm and 148mm, with two equal flanges of 32mm each. Length of each FC is 3600mm.

Stud Section (SS48/70/146): Used as the vertical member between the ceiling and floor channels of metal framed partition system. It is 0.55mm thick with one flange of 36mm and other flange of 34mm and has cut-outs along its length for running the services.

Accessories for T Grid

T Grid: T Grid Series consist three components - wall angles, main T and cross T. It has two broadline width 15mm and 24mm, two variants and two colour options (black and white). T15 represents broadline width 15mm and T24 represents broadline width 24mm.

Wall Angle (WA15/24): Made of G. I. cold rolled angle section with 0.30 mm thickness and two equal legs of 15 mm/24 mm each. It is used as a perimeter angle in grid ceiling system. Length of each WA is 3000mm.

Main T (MT15/24): 3600 mm long, 0.30 mm thick G. I. cold rolled T section with vertical flange and has a 15mm / 24mm wide precoated white / black base. The vertical flange has holes to take on suspension wire. It has slots at 300 mm c / c to take on cross T (CT) section.

Cross T (CT15/24): 1200 / 600 mm long, 0.30 mm thick G. I. cold rolled T section with vertical flange and has 15 mm / 24 mm wide precoated white / black base. It has notch on both ends to insert in main T section and to lock with each other to form a grid of 600 x 600 or 600 x 1200

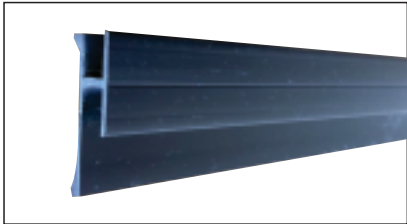
For Concealed Framework in Ceiling and Panelling Work

Perimeter Channel (PC): 3600 mm long, 0.45 mm thick with two flanges of 20 mm & 30 mm each and a web (internal size 25 mm), made from Galvanised steel. It is used at perimeter of the wall with the help of nylon sleeves and screws at 600 mm c/c to receive end of ceiling section.

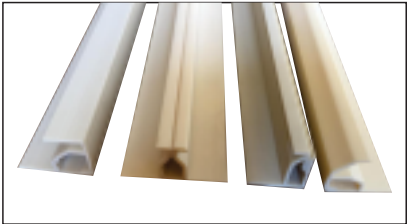
Intermediate Channel (IC): 3600 mm long, 0.45 mm thick, made from Galvanised steel. It has two equal flanges of 15 mm each and a web of 45 mm. It is used as an intermediate support to the ceiling section with the help of Ceiling Angle.

Ceiling Angle (CA): 3600 mm long, 0.45 mm thick with 10 x 25 mm at 90 degree legs made from Galvanised steel, used as a hanger bracket from structural soffit to suspend from the soffit anchored with the help of rawlplug / fastener .

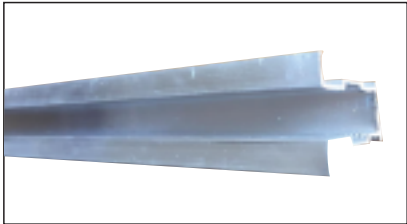
Ceiling Section (SC): 3600 mm long, 0.45 mm thick, made from Galvanised steel. It has two equal flanges & a knurled web. it is suspended from the intermediate channel with connecting clip / screw at 600 c / c. It is the main supporting section to fix the board / Panel.



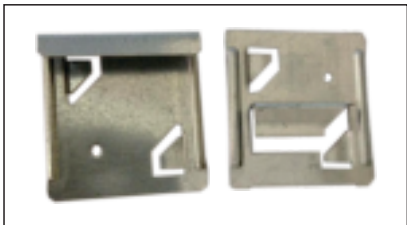
H Connector



Gripper - GP 15/25/38/50



FA 18



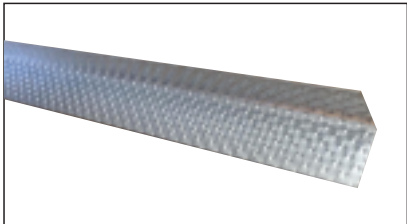
FA Center Clip & FA Edge Clip



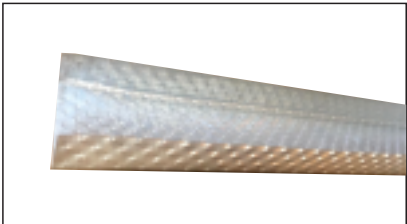
Impale Connector



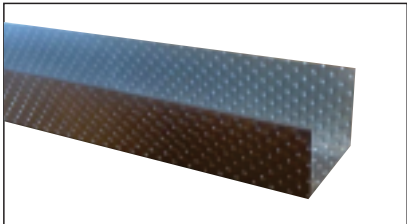
Z Connector



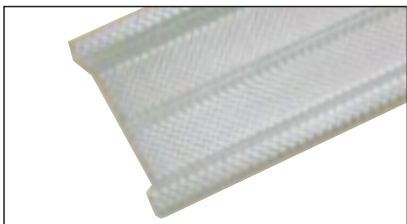
Ceiling Angle (CA)



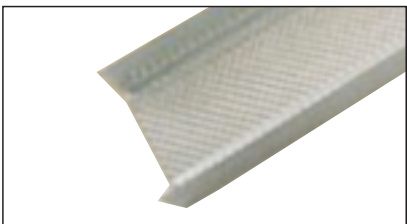
Intermediate Channel (IC)



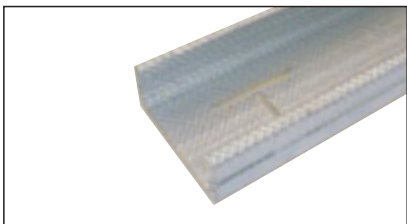
Perimeter Channel (PC)



Ceiling Section (CS)



Floor Channel (FC)



Stud Section (SS)



Wall Angle (WA)



Main Tee



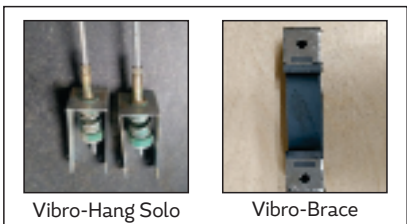
Cross Tee



Plain Main Tee



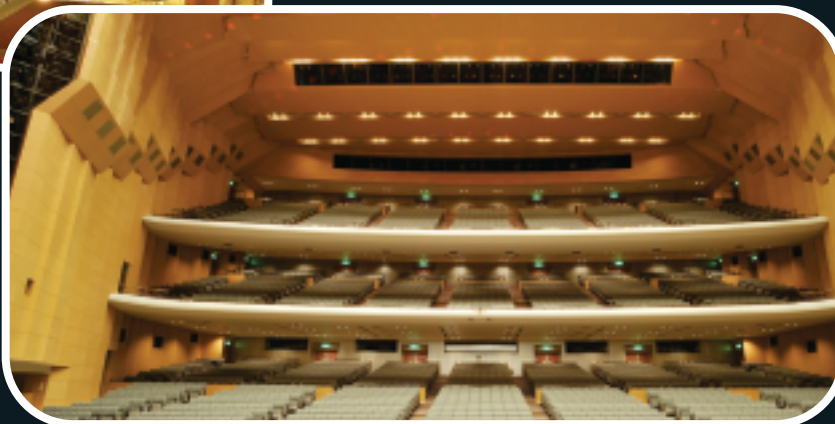
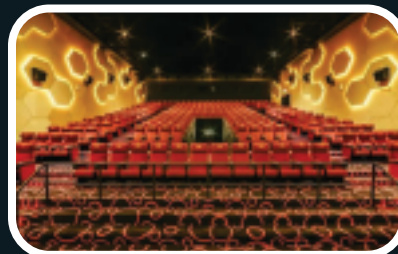
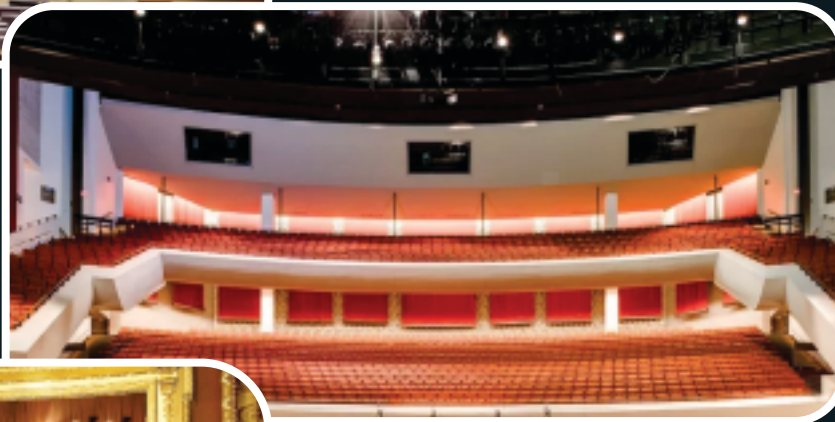
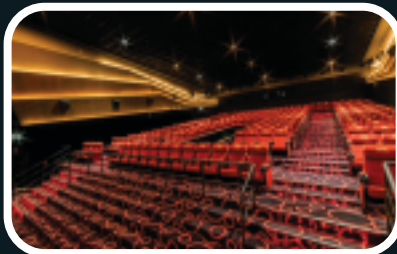
Silhouette Grid



Vibro-Hang Solo

Vibro-Brace

Vibration Control Supports System



aerofiber
acoustics

AEROFIBER ACOUSTICS PVT. LTD.

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Dealer