



IN[®] INDUSTRIAL INSULATION

Thinking about Industrial Insulation and on construction business segment, JOCAVI[®] made this line of products to face big space applications such as manufacturing industries, large hangars, public transport bays and sport stadiums.

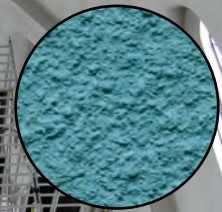
This range of products completes our product range.

You can find from this product line, various products for soundproofing and noise absorption such as self-adhesive insulation rolls, anti-vibration hardware elements, sandwich damping noise, acoustic ink and metal perforated acoustic panels.



GROUTPAINT®

ACOUSTIC FINISHING COMPOUND



TEXTURE AND COLOUR EXAMPLE



spray application

EXAMPLE OF APPLICATION

DESCRIPTION

GROUTPAINT® is a water-based acoustic anti-vibration adhesive paint. Different from the conventional damping materials, GROUTPAINT® is a low-density product, which has a high damping performance on the premise of its low weight.

The product is a key choice to reduce air noise and reverberation time, ideal for use on large surfaces for environments with strict additional weight requirements, such as plasterboard and concrete surfaces, constructions structures and building ceilings, yachts, vehicles and trains, etc. It provides a quick drying performance, environment-protection, performance and fire resistance. GROUTPAINT® is a 95% recycled compound.

This product can be applied on almost all surfaces by spraying, either using a pressure tank spray machine or an endless screw spray machine system gun.

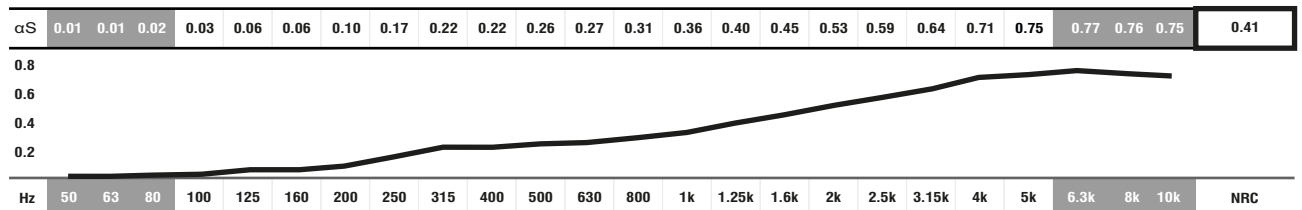
GROUTPAINT® should be diluted with water (10%). It is advisable to apply a thin coat of (800g/ sq.m) as a primer to enhance adherence and to let it dry out completely before the next coat is sprayed. After that, you can apply more 2 or 3 coats, reaching 15mm maximum thickness.

The product effectively reduces the reverberation time, the resonance effect and the transmission loss is increased. Obviously it controls the resonant frequency of the raw base material, caused by micro vibrations, improving the noise reduction rate.

RECOMMENDATIONS AND FEATURES

- 10Kg bucket, Water-based, easy to use and clean, 95% recycled compound.
- Main composition: Cellulose, textile, Rockwool fibres and inert mineral fillers.
- Fire Class: A2-s1,d0, Non-Flammable (similar to old M0, French Norms CSTB).
- Absorption coefficient: 0,41/m² 12 to 15mm thickness.
- Application: any pressure tank spray machine or an endless screw spray machine using a large nozzle, from 8 to 12 mm.
- GROUTPAINT® should be diluted with water (10%). It is important to keep the same dilution during the whole job in order to ensure a continuous final look. DO NOT FORGET to add the small bottle of additive before application with an electrical mixer. This additive increases air entrainment and facilitates spraying application.
- GROUTPAINT® is fully compatible with all concentrated aqueous Paints used as colorants. Add the dye in the mix with an electrical mixer and make the color test before applying.
- Drying: 24 to 36 hours (allow enough ventilation)
- Coverage: 4kg/m² = 5mm to 12 Kg/m² = depending on required sound absorption.
- Productivity: 0,8 to 1,2 Kg / m² depending on the desired effect and the type of support.
- Maximum thickness per layer: 5mm
- Excellent adhesive ability to all surfaces.
- The product follows IMO A653 standard and CE certification (MED B) and reaches the quality requirements of BS476.6 and BS476.7.
- Suitable for indoor use only.
- Storage: 6 months in original packaging if not opened. Keep away from intensive heat and

ABSORPTION COEFFICIENT



■ ABSORPTION COEFFICIENT: Values in accordance with the standards: EN 20654, ASTM C423 and EN 11654. ■ Values [$<100\text{Hz}$ and $>5\text{K}$] are Non Standard Values.

APPLICATION METHODS



IMPORTANT NOTICES

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AIRflat®
ABSORBENT PANEL



Image of 120x60cm model Ref.:MTAF050

DESCRIPTION

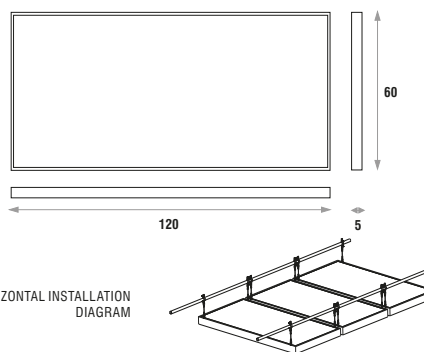
The AIRflat® is an additional option as an absorption panel. This panel's structure is made on an aluminum frame, which gives the product a good robustness; the absorbent layer is built in a mineral fiber plate with viselike fabric that makes the finishing.

It is mainly meant for stadiums, large halls, airports, subways and bus stations, as well as for industrial applications. It can also be applied in moist environments or outdoors.

The AIRflat® is available in several colors with the same acoustic features. It is easy to install hanging on ceilings.

The typical public and industrial spaces require an adequate planning of acoustics in order to provide good noise control and sound reception. This product provides a good absorption coefficient at mid frequency range, exactly within the area where the largest common noise occur.

TECHNICAL DRAWINGS



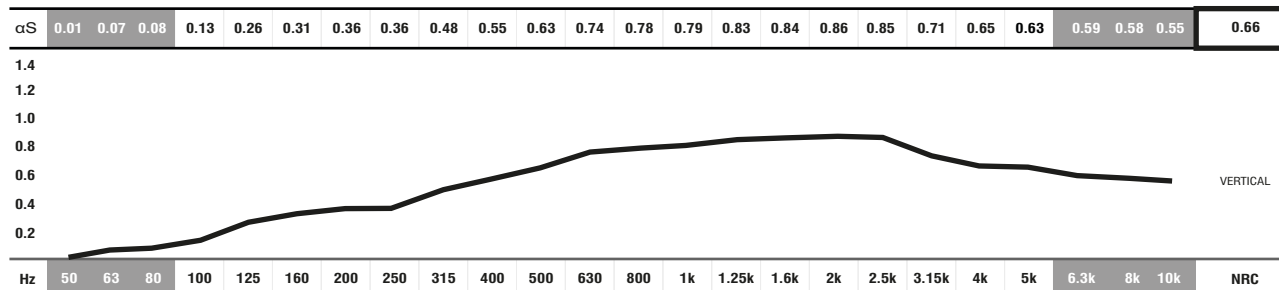
FEATURES

- Made on an aluminium frame and different raw absorbent materials inside.
- NRC: **0.66/m²**.
- Fire-resistance: B-s1,d1 (similar to old M1).
- Several combinations and positioning.
- Good robustness and airborne noise control.
- Can be used in different environments.
- Suitable for areas with large space, subways, stadiums, airports and bus stations, pavilions as well as for public or industrial facilities.

MODELS AND SIZES

MODELS	HEIGHT	WIDTH	DEPTH	WEIGHT
MTAF050	120 cm	60 cm	5 cm	4 Kg

ABSORPTION COEFFICIENT



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STANDARD COLOURS



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- Typical Indoor Comfort Standards state a temperature range of 20°C - 27°C (68°F - 81°F), and a relative humidity of less than 60%. These would be considered as normal operational levels of JOCAVI® products' range.
- Despite all the standard sizes of all products, this model can be customised upon previous consultation. Sizes may vary slightly due to their production method and some inherent raw-materials characteristics.



AIRperf[®]
ABSORBENT PANEL



PERFORATED METAL



Image of 120x60cm model Ref.:MTPF100Q.

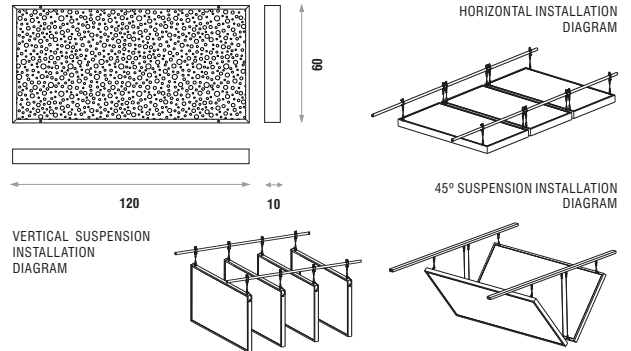
DESCRIPTION

JOCAVI[®] has developed this range of acoustic absorbent panels, mainly meant for stadiums, large halls, airports, subways and bus stations, as well as for industrial applications. It can also be applied in moist environments and outdoors.

This panel's structure is made on a perforated metal lacquered plate, which gives the product a good robustness; the interior is built by combining absorbent raw materials made from mineral fibers in different layers and densities. These products are applicable to ceilings and suspended with the provided accessories.

The typical public and industrial spaces require an adequate planning of acoustics in order to provide good sound reception. Due to its composite absorption layer, the AIRperf[®] has a good absorption coefficient in mid and mid-low spectrum, which is very important to reduce the airborne noise in the frequencies common noise range.

TECHNICAL DRAWINGS



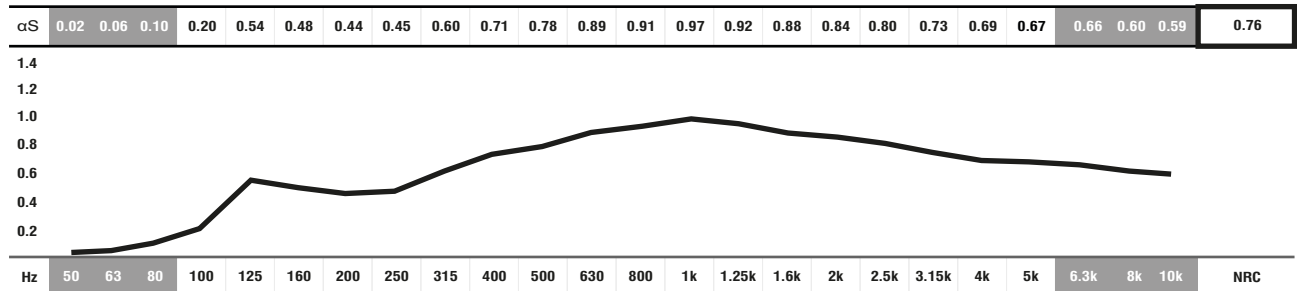
FEATURES

- Made of metal lacquered plate and different raw absorbent materials inside.
- NRC: **0.76/m²**.
- Fire-resistance: B-s1,d1 (similar to old M1).
- Several combinations and positionings: vertical, horizontal and 45°.
- Good robustness and airborne noise control.
- Suitable for areas with large space, subways, stadiums, airports and bus stations, pavilions as well as for public or industrial facilities.

MODELS AND SIZES

MODELS	HEIGHT	WIDTH	DEPTH	WEIGHT
MTPF100Q	120 cm	60 cm	10 cm	7.1 Kg

ABSORPTION COEFFICIENT



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STANDARD COLOURS

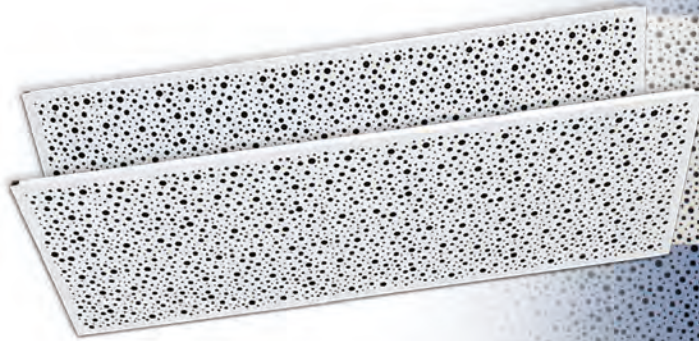


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- Typical Indoor Comfort Standards state a temperature range of 20°C - 27°C (68°F - 81°F), and a relative humidity of less than 60%. These would be considered as normal operational levels of JOCAVI[®] products' range.
- Despite all the standard sizes of all products, this model can be customised upon previous consultation. Sizes may vary slightly due to their production method and some inherent raw-materials characteristics.



WALLper[®] ABSORBENT PANEL



PERFORATED METAL

Image of 180x60cm model Ref.:MTPF0250C.

DESCRIPTION

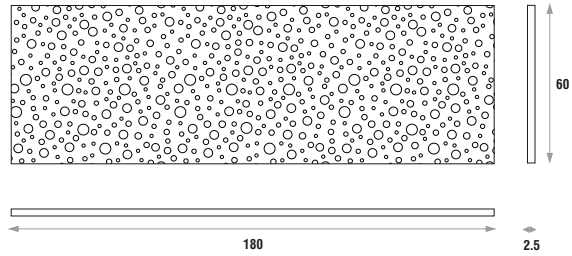
WALLper[®] is an additional option within the IN[®] absorption panels range. It is mainly meant for stadiums, large halls, airports, subways and bus stations, as well as for industrial applications. It can also be applied in moist environments or outdoors.

This panel's structure is made on a perforated metal lacquered plate, which gives the product a good robustness; the interior is built by combining absorbent raw materials made from mineral and synthetic fibers.

The typical public and industrial spaces require an adequate planning of acoustics in order to provide good sound perception. The brand IN[®] has come up with this line of products which has a good absorption in the largest common noise range.

Although it is different in aesthetic terms, the WALLper[®] is attractive and has a pleasant design. The WALLper[®] is available in multiple colors with the same acoustic features. It is easy to install on the walls and ceilings with its own accessories.

TECHNICAL DRAWINGS



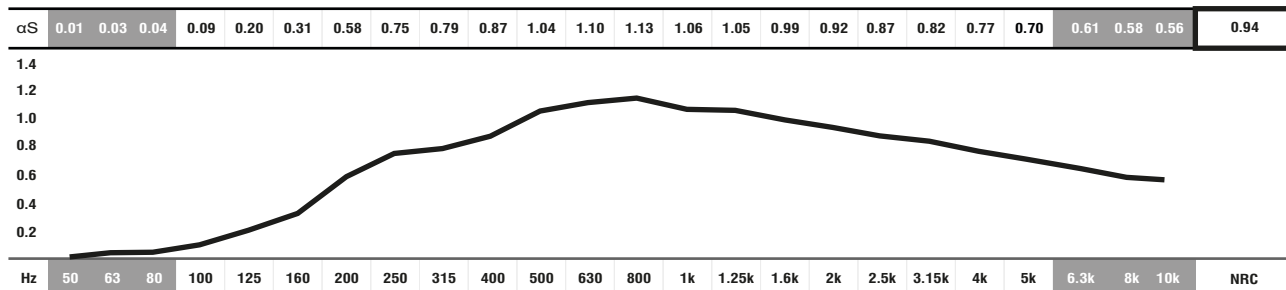
FEATURES

- Made of metal lacquered plate and different raw absorbent materials inside.
- NRC: **0.94/m²**.
- Fire-resistance: B-s1,d1 (similar to old M1).
- For ceiling applications.
- Good robustness and airborne noise control.
- Suitable for areas with large space, subways, stadiums, airports and bus stations, pavilions as well as for public or industrial facilities.

MODELS AND SIZES

MODELS	HEIGHT	WIDTH	DEPTH	WEIGHT
MTPF0250C	180 cm	60 cm	2.5 cm	3.3 Kg

ABSORPTION COEFFICIENT



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STANDARD COLOURS



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AIR HOLED® ABSORBENT PANEL



Image of 120x60cm model Ref.:MTHL100D.

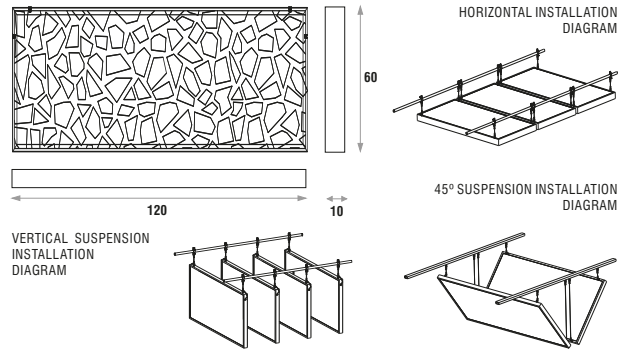
DESCRIPTION

AIRholed® is an absorbent suspension panel mainly meant for stadiums, large halls, airports, subways and bus stations, as well as for industrial applications. It can also be applied in moist environments and outdoors.

This panel's structure is made on a holed metal lacquered plate, which gives the product a good robustness; the interior is built by combining absorbent raw materials made from mineral fibers in different layers and densities. These products are applicable to ceiling, suspended with the provided accessories.

The typical public and industrial spaces require an adequate planning of acoustics in order to provide good noise control and sound perception. AIRholed® has a good absorption coefficient in mid range spectrum, which is very important to improve the absorption of the airborne noise in big venues.

TECHNICAL DRAWINGS



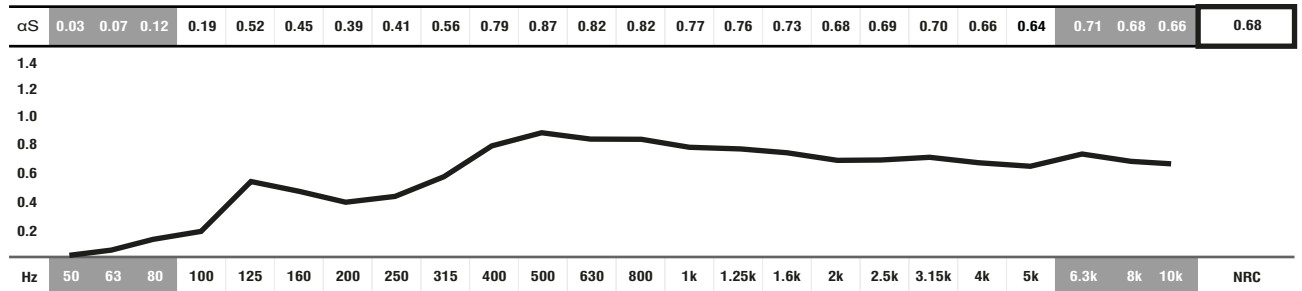
FEATURES

- Made of metal lacquered plate and different raw absorbent materials inside.
- NRC: **0.68/m²**.
- Fire-resistance: B-s1,d1 (similar to old M1).
- Several combinations and positionings: vertical, horizontal and 45°.
- Good robustness and airborne noise control.
- Suitable for areas with large space, subways, stadiums, airports and bus stations, pavilions as well as for public or industrial facilities.

MODELS AND SIZES

MODELS	HEIGHT	WIDTH	DEPTH	WEIGHT
MTHL100D	120 cm	60 cm	10 cm	8.7 Kg

ABSORPTION COEFFICIENT



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STANDARD COLOURS



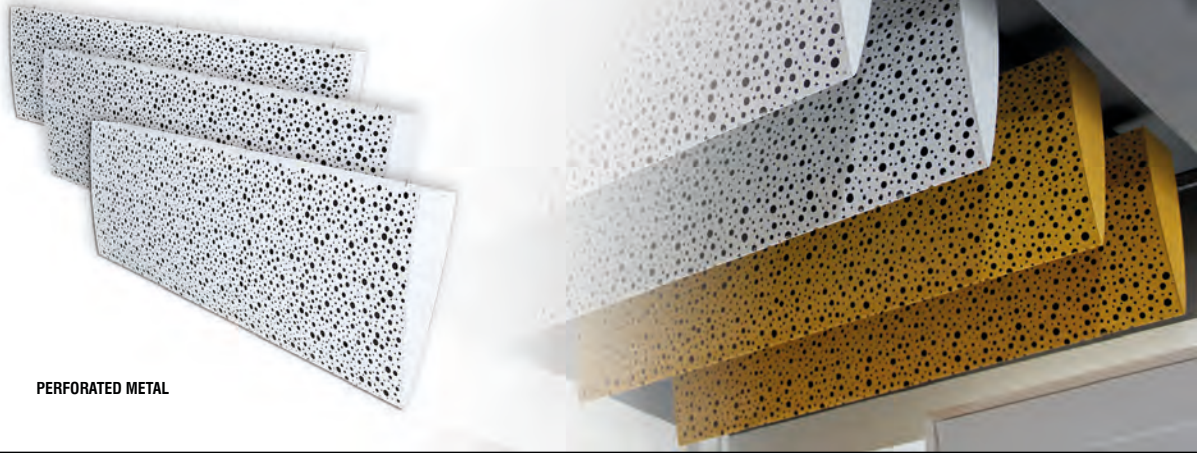
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AIR BILLOW®

ABSORBENT PANEL



PERFORATED METAL

Image of model Ref.:MTBL150V (on the left) and applied (ambient image).

DESCRIPTION

AIRbillow® is an absorbent suspending panel mainly meant for big venues like; stadiums, large halls, airports, subways and bus stations, as well as for industrial applications. It can also be applied in moist environments and outdoors.

AIRbillow® it is different in aesthetic terms, its triangular shape is attractive and provides pleasant combinations. It is available in several colors and it is easy to install suspending on the ceilings.

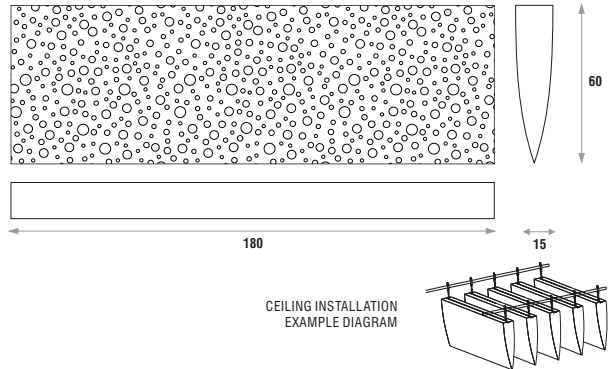
This panel's structure is made on a holed metal lacquered plate, which gives the product a good robustness; the interior is built by combining absorbent raw materials made from mineral fibers in different layers and densities. These products are applicable on a ceiling, suspended with the provided accessories.

The typical public and industrial spaces require an adequate noise control in order to provide good sound perception. This model has a good absorption coefficient in mid-low spectrum, concentrated within 400hz to 1250hz, which is very important to improve the absorption in the sound frequencies of the common noise.

FEATURES

- Made of metal lacquered plate and different raw absorbent materials inside.
- NRC: 1.05/m².
- Fire-resistance: B-s1,d1 (similar to old M1).
- Several and pleasant combinations.
- Good robustness and air noise control.
- Suitable for areas with large space, e.g. stadiums, airports and bus stations, pavilions as well as for public or industrial facilities.

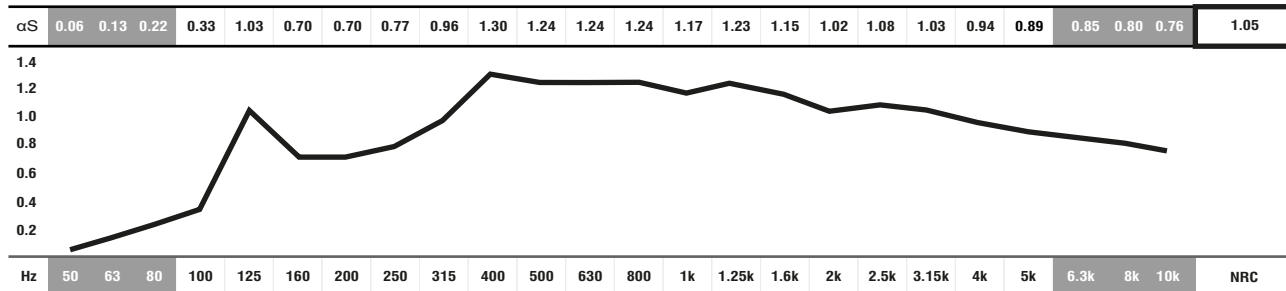
TECHNICAL DRAWINGS



MODELS AND SIZES

MODELS	HEIGHT	WIDTH	DEPTH	WEIGHT
MTBL150V	180 cm	60 cm	15 cm	9.4 Kg

ABSORPTION COEFFICIENT



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STANDARD COLOURS



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AIRTUBE®
ABSORBENT PANEL



METAL

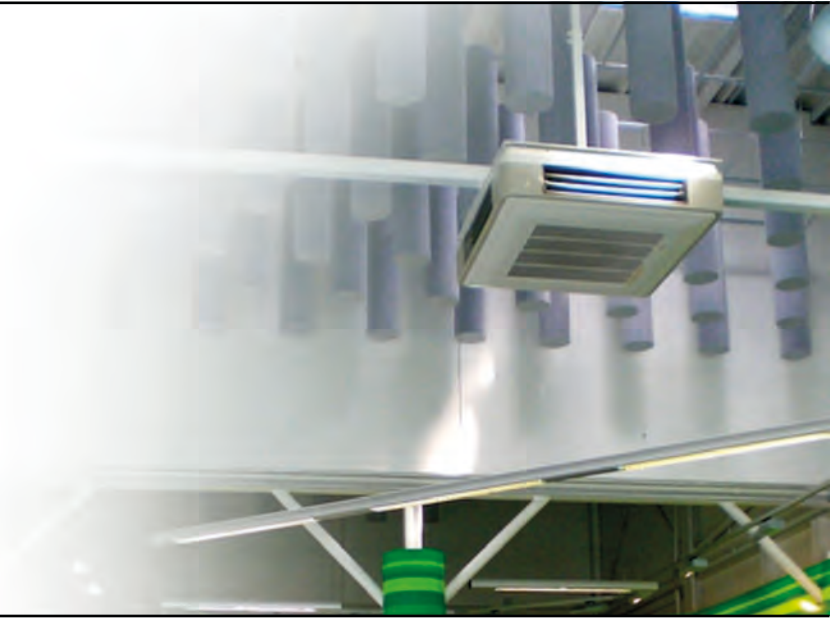


Image of 100x32cm model Ref.:MTAT032.

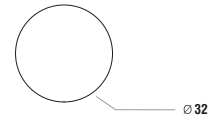
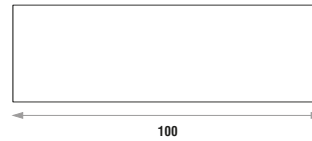
DESCRIPTION

AiRtube® is a tube-shaped absorber panel that can be suspended in vertical or horizontal position providing pleasant combinations. This model is mainly meant for stadiums, large halls, airports, subways and bus stations, as well as for industrial applications. It can also be applied in moist environments and outdoors.

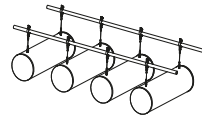
This panel's structure is made on a holed metal lacquered plate, which gives the product a good robustness; the interior is built with mineral fibres in different layers and densities. It is available in several colors and it is easy to install with the supplied accessories.

Big venues and industrial spaces require an adequate noise control in order to provide good sound perception. Due to its formation, the AiRtube® has a good absorption values at the mid-range of the sound spectrum, which is very important to improve the reduction of the common air-noise.

TECHNICAL DRAWINGS



HORIZONTAL INSTALLATION
EXAMPLE DIAGRAM



VERTICAL INSTALLATION
EXAMPLE DIAGRAM



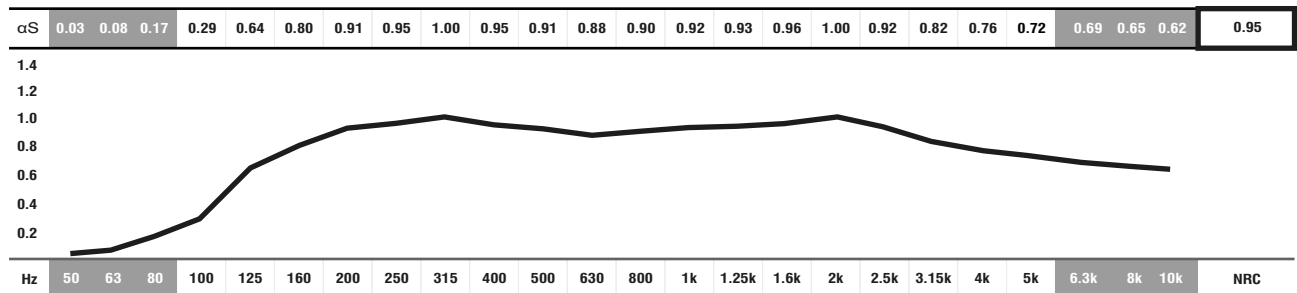
FEATURES

- Made of metal lacquered plate.
- NRC: **0.95/m²**.
- Fire-resistance: B-s1,d1 (similar to old M1).
- Several and pleasant combinations.
- Can be suspended horizontal or vertical positions.
- Suitable for areas with large space, e.g. stadiums, airports and bus stations, as well as for industrial facilities.

MODELS AND SIZES

MODELS	HEIGHT	DIAMETER	WEIGHT
MTAT032	100 cm	32 cm	7.2 Kg

ABSORPTION COEFFICIENT



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STANDARD COLOURS



BEIGE



GREY



BLACK



WHITE

IMPORTANT NOTICES

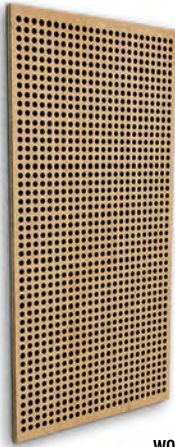
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WOODFACE® 1624

ABSORBENT PANEL



WOOD



Image of 120x60cm model Ref:WP1624 (on the left) and applied (ambient image).

DESCRIPTION

WOODFACE® 1624 is a wooden construction finishing material with acoustic absorbing properties. Following an ecological philosophy, this line of acoustic treatment materials was exclusively developed from recycled pressed wood fibers (HMDF) and coconut fibers, which are recycled materials.

This line of products provides a practical and efficient solution for acoustic treatment. It is composed of coconut fiber (as an energy absorbent material) and perforated panels made of pressed wood fiber (as a finishing surface). This compound, made of strictly 100% recycled materials, has an excellent technical performance. The coconut fiber is a natural, renewable and very light vegetal material. It has high porosity (95% of pores), which translates into an extremely high absorption of sound energy.

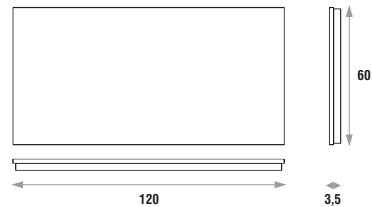
The good behavior of the recycled wood fibers, associated with the coconut fiber's micro-porous absorbent properties, makes it a natural first-class combination in terms of acoustic solutions.

The WOODFACE® is ideal for installing in auditoriums, conference rooms, sport pavilions, business spaces, restaurants and bars, etc... It can be installed with normal wood-strips or with the supplied aluminum interconnection bar.

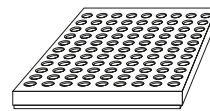
FEATURES

- Standard perforations / wood finishings and coconut fibres (coir fibres).
- Uses 95% of recycled materials.
- NRC: **0.64/m²**.
- Fire-resistance: Wood Veneer Faced (or Engineered Coloured Fibre) Boards - Euroclass B-s2,d0 (similar to old M1), Coconut (Coir Fibre) - Euroclass E (similar to old M4).
- Installation: wood or metal bars.
- Others sizes are available on demand.

TECHNICAL DRAWINGS



PERFORATION DETAILS



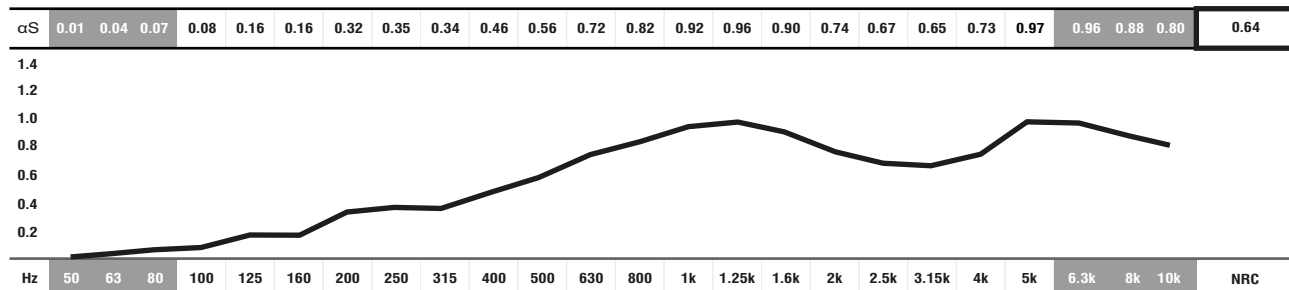
- Straight line of holes.
- 24mm: hole center distance.
- 16mm: hole diameter.
- 18mm: board thickness
- Perforation rate: 34.8%

MODELS AND SIZES

MODELS	HEIGHT	WIDTH	DEPTH	WEIGHT
WP1624	120 cm	60 cm	3,5 cm	2.5 Kg

OTHER SIZES AVAILABLE UNDER CONSULTING

ABSORPTION COEFFICIENT



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STANDARD FINISHINGS AND COLOURS



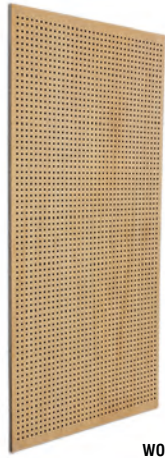
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- Due to its natural origin, wood-based products will always present natural imperfections inherent to the organic nature. And for similar reasons, they will also present traces of old-age in the course of time.
- Wood and Fabric products are highly susceptible to change its appearance with humidity and temperature. Close attention must be paid to the storage conditions and the acclimatization before, during and after the installation.
- Typical Indoor Comfort Standards state a temperature range of 20°C - 27°C (68°F - 81°F), and a relative humidity of less than 60%. These would be considered as normal operational levels of JOCAVI® products' range.
- Despite all the standard sizes of all products, this model can be customised upon previous consultation. Sizes may vary slightly due to their production method and some inherent raw-materials characteristics.

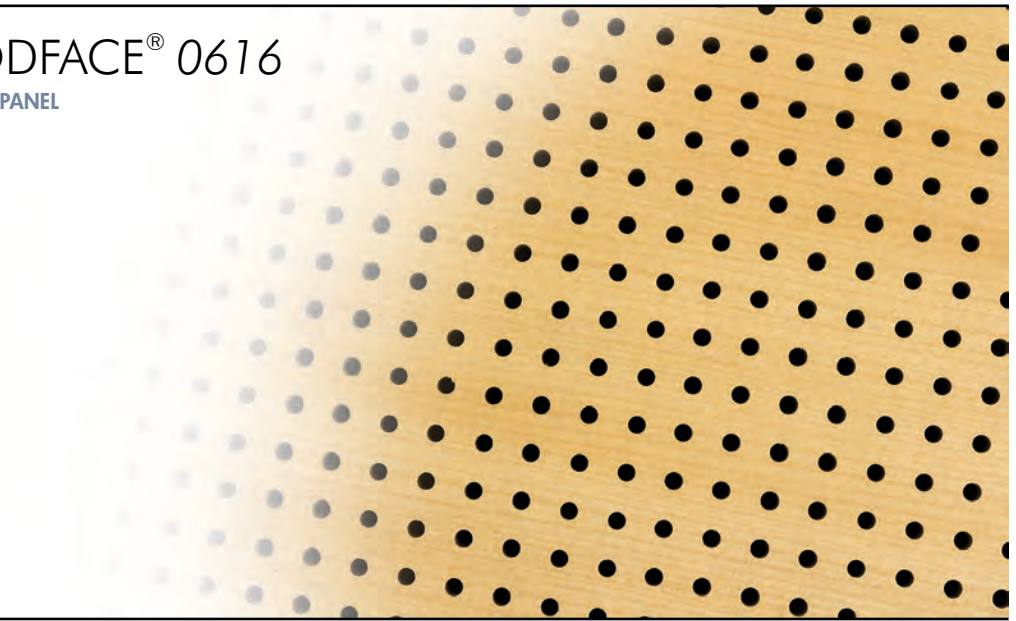


WOODFACE® 0616

ABSORBENT PANEL



WOOD



Images of 120x60cm model Ref.:WP0616.

DESCRIPTION

WOODFACE® 0616 is a wooden construction finishing material with acoustic absorbing properties. Following an ecological philosophy, this line of acoustic treatment materials was exclusively developed from recycled pressed wood fibers (HMDF) and coconut fibers, which are recycled materials.

This line of products provides a practical and efficient solution for acoustic treatment. It is composed of coconut fiber (as an energy absorbent material) and perforated panels made of pressed wood fiber (as a finishing surface). This compound, made of strictly 100% recycled materials, has an excellent technical performance. The coconut fiber is a natural, renewable and very light vegetal material. It has high porosity (95% of pores), which translates into an extremely high absorption of sound energy.

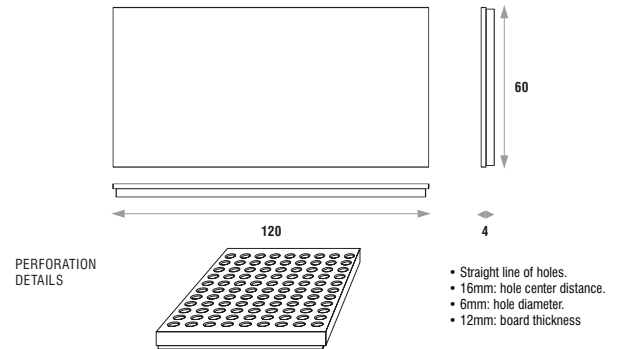
The good behavior of the recycled wood fibers, associated with the coconut fiber's micro-porous absorbent properties, makes it a natural first-class combination in terms of acoustic solutions.

The WOODFACE® is ideal for installing in auditoriums, conference rooms, sport pavilions, business spaces, restaurants and bars, etc... It can be installed with normal wood-strips or with the supplied aluminum interconnection bar.

FEATURES

- Standard perforations / wood finishings and coconut fibres (coir fibres).
- Uses 95% of recycled materials.
- NRC: **0.63/m²**.
- Fire-resistance: Wood Veneer Faced (or Engineered Coloured Fibre) Boards - Euroclass B-s2,d0 (similar to old M1), Coconut (Coir Fibre) - Euroclass E (similar to old M4).
- Installation: wood or metal bars.
- Others sizes are available on demand.

TECHNICAL DRAWINGS

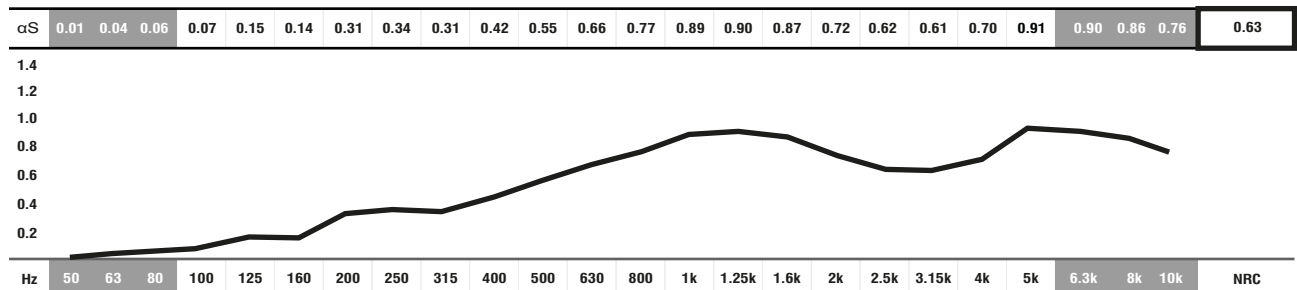


MODELS AND SIZES

MODELS	HEIGHT	WIDTH	DEPTH	WEIGHT
WP0616	120 cm	60 cm	4 cm	2.5 Kg

OTHER SIZES AVAILABLE UNDER CONSULTING

ABSORPTION COEFFICIENT



■ ABSORPTION COEFFICIENT: Values in accordance with the standards: EN 20654, ASTM C423 and EN 11654.

■ Values [$<100\text{Hz}$ and $>5\text{K}$] are Non Standard Values.

STANDARD FINISHINGS AND COLOURS



IMPORTANT NOTICES

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- Colours may vary due to raw-material suppliers' changes and some differences may occur in tonal range.
- Due to its natural origin, wood-based products will always present natural imperfections inherent to the organic nature. And for similar reasons, they will also present traces of old-age in the course of time.
- Wood and Fabric products are highly susceptible to change its appearance with humidity and temperature. Close attention must be paid to the storage conditions and the acclimatization before, during and after the installation.
- Typical Indoor Comfort Standards state a temperature range of 20°C - 27°C (68°F - 81°F), and a relative humidity of less than 60%. These would be considered as normal operational levels of JOCAVI® products' range.
- Despite all the standard sizes of all products, this model can be customised upon previous consultation. Sizes may vary slightly due to their production method and some inherent raw-materials characteristics.





WOODWALL® ABSORBENT PANEL



WOOD



Image of two samples of model Ref. WT0428 (on the left) and applied (ambient image).

DESCRIPTION

WOODWALL® 0428 is a construction finishing material with acoustic absorbing properties. Following an ecological philosophy, JOCAVI® has developed this line of acoustic treatment materials, which are made exclusively from recycled pressed wood fibers (HMDF) and coconut fibers. The wood plate is provided separately from the coconut fiber layer and can be assembled together during the installation.

This compound is made of coconut fiber (as an energy absorbent material) and perforated panels made of pressed wood fibers, made of strictly 100% recycled materials has an excellent technical performance. The coconut fiber is a natural, renewable and very light vegetal material. It has high porosity (95% of pores), which translates into an extremely high absorption of sound energy.

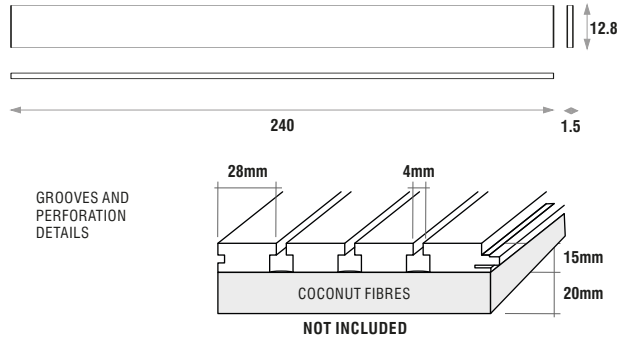
The good behavior of the recycled wood fibers, associated with the coconut fiber's micro-porous absorbent properties, makes it a natural first-class combination in terms of acoustic solutions.

The WOODWALL® 0428 is ideal to install in auditoriums, conference rooms, sport pavilions, business spaces, restaurants and bars, etc... It can be installed with wood or metal stripes.

FEATURES

- Standard perforations / wood finishings and NOT INCLUDED, coconut fibres.
- Uses 95% of recycled materials.
- NRC: **0.62/m²**.
- Fire-resistance: Wood Veneer Faced (or Engineered Coloured Fibre) Boards - Euroclass B-s2,d0 (similar to old M1), Coconut (Coir Fibre) - Euroclass E (similar to old M4).
- Installation: wood or metal bars.

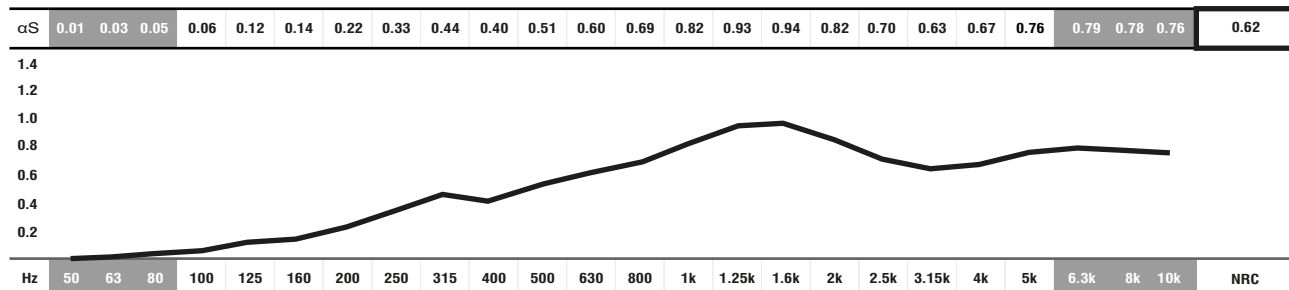
TECHNICAL DRAWINGS



MODELS AND SIZES

MODELS	HEIGHT	WIDTH	DEPTH	WEIGHT
WT0428	240 cm	12.8 cm	1.5 cm	3.0 Kg

ABSORPTION COEFFICIENT



■ ABSORPTION COEFFICIENT: Values in accordance with the standards: EN 20654, ASTM C423 and EN 11654.

■ Values [$<100\text{Hz}$ and $>5\text{K}$] are Non Standard Values.

STANDARD FINISHINGS AND COLOURS



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- Wood and Fabric products are highly susceptible to change its appearance with humidity and temperature. Close attention must be paid to the storage conditions and the acclimatization before, during and after the installation.
- Typical Indoor Comfort Standards state a temperature range of 20°C - 27°C (68°F - 81°F), and a relative humidity of less than 60%. These would be considered as normal operational levels of JOCAVI® products' range.
- Despite all the standard sizes of all products, this model can be customised upon previous consultation. Sizes may vary slightly due to their production method and some inherent raw-materials characteristics.



FLOATSHEET® INS

SOUND INSULATION LAYER



FLOATSHEET® INS ROLL



FLOATSHEET® INS PLATE

Image of FLOATSHEET® INS ROLL, Ref.:FINr010AD (on the left) and PLATE, Ref.:FINp010AD (on the right).

FEATURES

- Noise and sound Insulation layer.
- Good fire resistance, elasticity, flexibility and tensile strength.
- Great performance/cost.
- Installation: with nails or adhesive glue.
- Supplied in rolls or plates, with or without adhesive.
- Suitable for walls, ceilings and floors.

SIZES AND SPECIFICATIONS

MODELS	LENGTH	WIDTH	THICKNESS	WEIGHT
FINr010/AD (roll)	1000 cm	150 cm	1 cm	4.62 Kg
FINp010/AD (plate)	200 cm	120 cm	1 cm	1.3 Kg

DESCRIPTION

The Floatsheet® INSulation is made of polyurethane and it is a great material to be used as an insulation layer. The application of Floatsheet® INSulation meets the active sound insulation. It is suitable for use on the sound insulation composite constructions in studios, cabins, residences, hotels, clubs, nightclubs, as well as for industrial and traffic equipment.

Floatsheet® INSulation can effectively absorb and obstruct the noise transmitted through the walls, ceilings and floor structures by utilizing the mass law and damping principle of the architectural acoustic materials.

This thin and high quality material can provide obvious noise control and vibration absorption resulting in a highest cost/performance. It has good fire resistance, heat resistance, elasticity, flexibility and tensile strength. It can be cut with the wallpaper cutter and be fixed with nails or adhesive. This material is supplied in two options: rolls or plates.



FLOATSHEET® VIB

VIBRATION DAMPING AND SOUND INSULATION LAYER



FLOATSHEET® VIB AD



FLOATSHEET® VIB

Image of FLOATSHEET® VIB, Ref.:FVI003AD (with adhesive on the left), and FLOATSHEET® VIB, Ref.:FVI003 (on the right).

FEATURES

- Anti-vibration and noise control layer with great mass.
- Good fire resistance, elasticity, flexibility and tensile strength.
- Great performance/cost.
- Installation: with nails or adhesive glue.
- Supplied in rolls with or without adhesive.
- Suitable for walls, ceilings and floors.

SIZES AND SPECIFICATIONS

MODELS	LENGTH	WIDTH	DEPTH	WEIGHT
FVI003AD	700 cm	100 cm	0.3 cm	25 Kg
FVI003	700 cm	100 cm	0.3 cm	25 Kg

DESCRIPTION

Floatsheet® VIBration, is a composed material made of a mixture of tar and rubber. It is a great product to be used as an anti-vibration layer, suitable to be applied on the sound insulation composite construction in residences, hotels, clubs, nightclubs, recording studios, as well as for sound insulation and noise reduction of the industrial traffic equipment. This thin and high quality material provides obvious noise control and vibration absorption results in a highest cost/performance.

Floatsheet® VIBration can effectively absorb and obstruct the noise transmitted through the walls, ceilings and floor structures by utilizing the mass law and damping principle of the architectural acoustic materials.

This product has good fire resistance, heat resistance, elasticity, flexibility and tensile strength. It can be cut with the wallpaper cutter and be fixed with nails or adhesive. This material is supplied in roll in two options: with or without adhesive.

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ARG®

RECYCLED SOUND INSULATION FOAM AGGLOMERATE

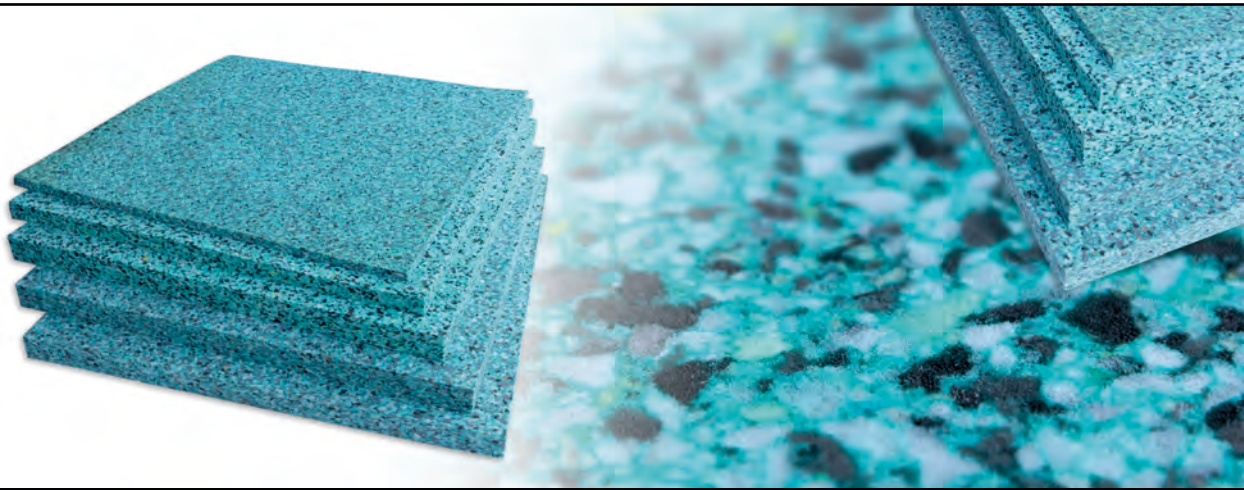


Image of ARG with different thickness, Ref.:ARG.

FEATURES

- Self-extinguishable recycled foam agglomerate.
- Made from the agglomeration of flexible polyurethane foam of different densities.
- Good fire resistance (M1 fire-class), uniform and stable composition.
- Great performance/cost. Supplied in 1m² plates.
- Installation: with contact glue.
- Wide range of thickness (from 20mm to 100mm) with 80Kg/m³. (others upon consulting and request).
- Suitable for walls, ceilings and floors.

SPECIFICATIONS

REF.	DIMENSIONS
ARG020	100x100x2cm
ARG040	100x100x4cm
ARG060	100x100x6cm
ARG080	100x100x8cm
ARG100	100x100x10cm

DESCRIPTION

ARG® is a product resulting from the agglomeration of flexible polyurethane foam of different densities, presented on plates, which shows a uniform and stable composition. Endowed with a porous cellular structure and unique physical and mechanical characteristics, ARG® constitutes a central element in various building systems that allow solving the most complex acoustic problems of buildings, structures, machinery and the like. Find wide application in insulation systems percussion sounds, an area where leads, allowing the development of highly competitive solutions in terms of cost / benefit ratio. It is virtually universal in its application in double construction systems (or trucks) to meet the requirement of insulation to air sounds. This field is particularly important for systems "box-in-box" particularly when necessary for rehabilitation of buildings. Other uses the level of vibration control equipment to support and reverberation control in closed spaces complete range of applications in the acoustic behavior of buildings. ARG® thus exhibits a substantially unique feature of being useful at all required in the field of acoustic behavior of buildings. This universal characteristic in the field of acoustics allows you to stand out among the products for the building, like the one in the acoustic field can contribute more for the comfort of human beings. When coupled with plaster sheets or clusters give large amounts of insulation in the whole range of the sound spectrum. Gives a high absorption power. Because it is glued, without physical contact of rigid structures, mitigation damping is achieved by means of elasticity. Acoustic Insulation above 60 dB, one must isolate all areas of walls, ceilings and floors avoiding structural physical transmissions.



SHOCK AB WALL® / CEILING®

WALL AND CEILING VIBRATION ABSORBERS

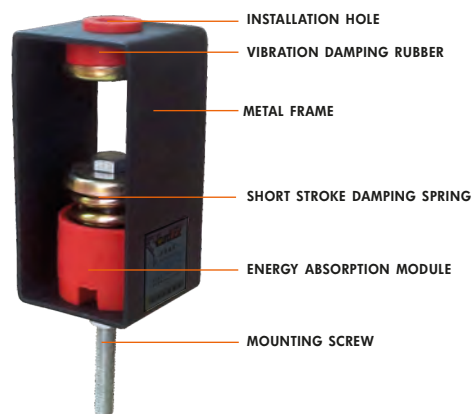
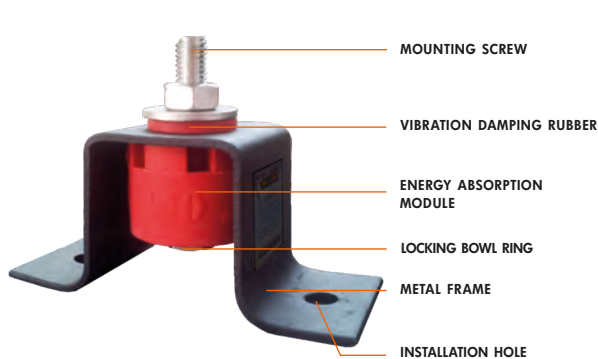


Image of SHOCK AB WALL®, Ref.:SHAW, and of SHOCK AB CEILING®, Ref.:SHAC.

FEATURES

- Dramatically improves the performance of your soundproofing layer.
- Minimise physical and structure sound transmission.
- Operating range of 40Kg to 80Kg per piece. Application: using screws.
- Can be applied in standard steel chains used in the construction with plasterboard.
- Lifetime warranty.
- Packaging: 20 pieces.

MODELS AND SPECIFICATIONS

MODELS	MAXIMUM LOAD CAPACITY RANGE (unit)	PACKAGE (units)
SHAC	40 Kg to 80 Kg	20 pcs
SHAW	40 Kg to 80 Kg	20 pcs

DESCRIPTION

SHOCK AB® is a wall and ceiling vibration absorber, a composite piece consisting of a molded metal frame and a damping rubber component, which allows to support the weight of the wall or ceiling, thereby minimizing physical contact to the support structure and forming the sound insulation layer between the sound wave irradiation and the original base surface, wall or ceiling.

The SHOCK AB® is provided in two models; one for the ceiling and one for the wall.

SHOCK AB® Ceiling is an effective way to cut off the structure-borne sound transmission of the suspended ceiling and the original building base.

SHOCK AB® Wall is suitable for installing and fixing the wall reinforced sound insulation layer structure.

The quantity of pieces to be used on each application depends on the weight of the insulation layer that will be applied, so it is recommended make the calculation, bearing in mind that it is considered an operating range of 40kg to 80kg per piece (fixation point).

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ARG®

SHOCK AB® WALL / CEILING



STILLNESS I[®]

SOUNDPROOFING PLATES



SOUNDPROOFING ENHANCEMENT
BETWEEN 12 AND 14 dB.

Image of STILLNESS I, Ref.:STLLI, Soundproofing Plates of two layers.

FEATURES

- Depending on the constitution of the base of the wall or ceiling, this material can enhance the sound insulation between **12 and 14 dB**.
- Reduces sound transmission loss property. Installation: with screws or contact glue.
- Fire-resistance: B-s1,d0 (similar to old M1).
- Environmentally friendly material. High-density board surface, paintable.
- Suitability of a large-area of construction and use.
- Total thickness: **23mm**.

SIZES AND SPECIFICATIONS

MODELS	LENGTH	WIDTH	DEPTH	WEIGHT
STLL I	2000mm	1200 mm	23 mm	18.4 Kg

DESCRIPTION

STILLNESS[®] I is a damping system and sound insulation board composed of anti-vibration and massive elements. We select inorganic materials with different densities and thicknesses to form a composite layer with the best properties of sound insulation and vibration damping in order to effectively insulate the medium-low and low frequencies of the sound transmission. The layers of each compound model are sandwiched and adhere under high pressure. These composite vibration damping and sound insulation board are much more practical than the traditional layer-by-layer construction and provides an effective sound reduction rate of walls and ceilings in all types of applications, from the music business to the industrial markets. This multi-layer structure is portable and simple to install by using screws or contact glue and it is easy to cut to adjust to the room dimensions.

STILLNESS[®] I is composed by:
- 1 layer of (10mm Polyurethane - Floatsheet[®] INS) and 1 layer of (13mm Gypsumboard).



STILLNESS II[®]

SOUNDPROOFING PLATES



SOUNDPROOFING ENHANCEMENT
BETWEEN 14 AND 18 dB.

Image of STILLNESS II, Ref.:STLLII, Soundproofing Plates of three layers.

FEATURES

- Depending on the constitution of the base of the wall or ceiling, this material can enhance the sound insulation between **14 and 18 dB**.
- Reduces sound transmission loss property. Installation: with screws or contact glue.
- Fire-resistance: B-s1,d0 (similar to old M1).
- Environmentally friendly material. High-density board surface, paintable.
- Suitability of a large-area of construction and use.
- Total thickness: **36mm**.

SIZES AND SPECIFICATIONS

MODELS	LENGTH	WIDTH	DEPTH	WEIGHT
STLL II	2000mm	1200 mm	36 mm	35.8 Kg

DESCRIPTION

STILLNESS[®] II is a damping system and sound insulation board composed of anti-vibration and massive elements. We select inorganic materials with different densities and thicknesses to form a composite layer with the best properties of sound insulation and vibration damping in order to effectively insulate the medium-low and low frequencies of the sound transmission. The layers of each compound model are sandwiched and adhere under high pressure. These composite vibration damping and sound insulation board are much more practical than the traditional layer-by-layer construction and provides an effective sound reduction rate of walls and ceilings in all types of applications, from the music business to the industrial markets. This multi-layer structure is portable and simple to install by using screws or contact glue and it is easy to cut to adjust to the room dimensions.

STILLNESS[®] II is composed by:
- 1 layer of (13mm Gypsumboard), 1 layer of (10mm Polyurethane - Floatsheet[®] INS), and 1 layer of (13mm Gypsumboard).

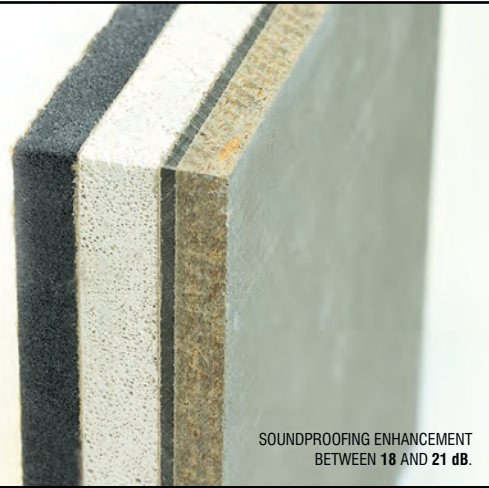
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STILLNESS III[®]

SOUNDPROOFING PLATES



SOUNDPROOFING ENHANCEMENT
BETWEEN 18 AND 21 dB.

Image of STILLNESS III, Ref.:STLLIII, Soundproofing Plates of four layers.

FEATURES

- Depending on the constitution of the base of the wall or ceiling, this material can enhance the sound insulation between **18 and 21 dB**.
- Reduces sound transmission loss property. Installation: with screws or contact glue.
- Fire-resistance: B-s1,d0 (similar to old M1).
- Environmentally friendly material. High-density board surface, paintable.
- Suitability of a large-area of construction and use.
- Total thickness: **33mm**.

SIZES AND SPECIFICATIONS

MODELS	LENGTH	WIDTH	DEPTH	WEIGHT
STLL III	2000mm	1200 mm	33 mm	53.5 Kg

DESCRIPTION

STILLNESS[®] III is a damping system and sound insulation board composed of anti-vibration and massive elements. We select inorganic materials with different densities and thicknesses to form a composite layer with the best properties of sound insulation and vibration damping in order to effectively insulate the medium-low and low frequencies of the sound transmission. The layers of each compound model are sandwiched and adhere under high pressure. These composite vibration damping and sound insulation board are much more practical than the traditional layer-by-layer construction and provides an effective sound reduction rate of walls and ceilings in all types of applications, from the music business to the industrial markets. This multi-layer structure is portable and simple to install by using screws or contact glue and it is easy to cut to adjust to the room dimensions.

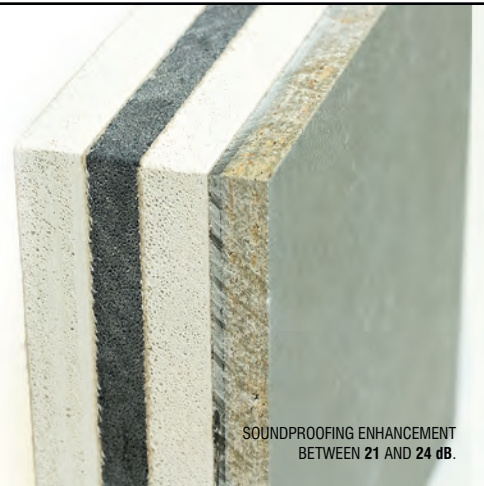
STILLNESS[®] III is composed by:

- 1 layer of (10mm Polyurethane - Floatsheet[®] INS), 1 layer of (13mm Gypsumboard), 1 layer of (2mm Floatsheet[®] VIB) and 1 layer of (8mm Viroc).



STILLNESS IV[®]

SOUNDPROOFING PLATES



SOUNDPROOFING ENHANCEMENT
BETWEEN 21 AND 24 dB.

Image of STILLNESS IV, Ref.:STLLIV, Soundproofing Plates of five layers.

FEATURES

- Depending on the constitution of the base of the wall or ceiling, this material can enhance the sound insulation between **21 and 24 dB**.
- Reduces sound transmission loss property. Installation: with screws or contact glue.
- Fire-resistance: B-s1,d0 (similar to old M1).
- Environmentally friendly material. High-density board surface, paintable.
- Suitability of a large-area of construction and use.
- Total thickness: **46mm**.

SIZES AND SPECIFICATIONS

MODELS	LENGTH	WIDTH	DEPTH	WEIGHT
STLL IV	2000mm	1200 mm	46 mm	70.7 Kg

DESCRIPTION

STILLNESS[®] IV is a damping system and sound insulation board composed of anti-vibration and massive elements. We select inorganic materials with different densities and thicknesses to form a composite layer with the best properties of sound insulation and vibration damping in order to effectively insulate the medium-low and low frequencies of the sound transmission. The layers of each compound model are sandwiched and adhere under high pressure. These composite vibration damping and sound insulation board are much more practical than the traditional layer-by-layer construction and provides an effective sound reduction rate of walls and ceilings in all types of applications, from the music business to the industrial markets. This multi-layer structure is portable and simple to install by using screws or contact glue and it is easy to cut to adjust to the room dimensions.

STILLNESS[®] IV is composed by:

- 1 layer of (13mm Gypsumboard), 1 layer of (10mm Polyurethane - Floatsheet[®] INS), 1 layer of (13mm Gypsumboard), 1 layer (2mm of Floatsheet[®] VIB) and 1 layer of (8mm Viroc).

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SOME WORLDWIDE WORKS



Rehearsal Rooms



Acoustic Shells



Pavilions



Recording Studios



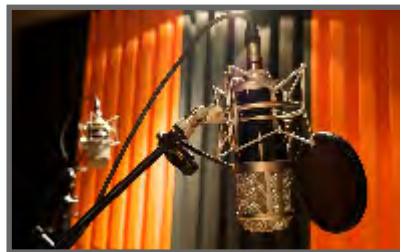
Concert Halls



Auditoriums



Night C lubs



Radio Stations



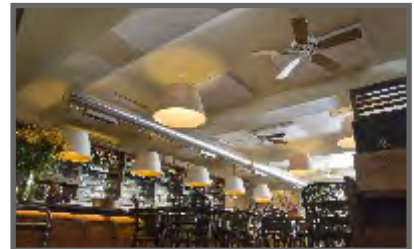
Health Clubs



Home Theatre / Cinema



Class Rooms



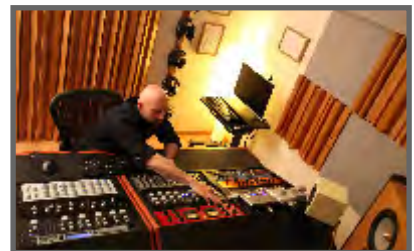
Restaurants



Anechoic Chambers



Food Courts



Mastering Studios



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