ZOON AKUSTİK



CONSTRUCTION • MATERIALS • INSTALLATION

Sound insulation catalogue

Systems that reduce sound transmission and support comfort at home and at work.

Building acoustics · Sound insulation · Insulation materials



Better spaces.
Balanced sound.



Our approach

At Zoon Akustik, we consider acoustic comfort alongside the purpose and architectural character of each space. We address acoustic treatment and sound insulation needs through an approach that brings product selection, design, technical consultancy and installation together.

A solution for each need

Speech intelligibility in a meeting room, controlled listening in a studio and reduced noise from neighbouring rooms in a home require different approaches. The right material and system are selected by considering the sound source, existing construction, conditions of use and desired level of comfort together.

From design to installation

We assess fabric, felt, wood and other insulation materials against technical requirements, planning colours, textures, dimensions, supports and fixing details as part of the whole project. Correct positioning and continuous, well-executed installation are as important to the result as the properties of the products themselves.

Our services



The right products. Balanced acoustics. Careful installation.

Acoustic treatment

We plan panels, surfaces and layouts around the intended use of the space, focusing on the control of echo and reverberation.

Sound insulation

We assess sound transmission through walls, ceilings and floors together with doors, windows and connection details.

Product selection

We match materials, thicknesses, finishes and colours to technical requirements and architectural expectations.

Design and planning

We clarify dimensions, quantities, module layouts and installation details before work begins.

Consultancy

We explain product and installation options, from identifying the need to selecting a suitable system.

Application and installation

We assess how the selected solution fits site conditions, including joints, supports and finishing details.

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Building Acoustics and Sound Insulation



Overview

Building acoustics examines how sound travels within buildings and through their elements to create more balanced living and working environments. Sound insulation comprises measures that reduce the transmission of speech, television, music, footsteps and mechanical equipment noise between areas. It supports everyday comfort for rest, sleep, work and communication while helping preserve privacy between spaces.

Scope

The scope includes building elements through which sound can travel, such as walls, ceilings, floors, doors, windows and service penetrations. Airborne sound, impact sound and structure-borne vibration are assessed separately. In new buildings, these can be planned from the design stage; in existing buildings, improvements can be developed by identifying the noise source and transmission paths.

Building Acoustics and Sound Insulation



Selection approach

To identify the right solution, first examine the source and type of sound, its direction of travel and the area affected. Consider the existing construction, intended use, available installation depth and desired comfort level together. The performance of the complete system and correct junction details matter more than the specifications of any single material.

Applications

Applications include homes, apartment buildings, offices, hotels, educational buildings, healthcare facilities, cultural centres and commercial spaces. Solutions can address noise from neighbouring rooms, meeting privacy, impact noise from upper floors and the effect of technical equipment on surrounding areas.

Benefits

Helps create calmer, more comfortable and usable spaces by reducing the impact of unwanted noise on daily life. It supports focused work, clearer conversations and effective use of areas intended for rest. Rooms with different purposes can coexist within the same building with less acoustic disturbance.

Building Acoustics and Sound Insulation













Building acoustics examines how sound travels within buildings and through their elements to create more balanced living and working environments. Sound insulation comprises measures that reduce the transmission of speech, television, music, footsteps and mechanical equipment noise between areas.

Building Sound Insulation



Overview

Building sound insulation comprises solutions throughout a building that reduce sound transmission between internal areas or from outdoors. Sound does not travel only through a wall or floor: it can also pass through junctions, openings and service connections. Effective treatment therefore considers both the building's use and all relevant transmission paths.

Scope

The scope includes intermediate floors, walls separating independent units, façades, doors, windows and technical rooms. Service shafts, pipe penetrations and junctions between building elements are also examined. In addition to airborne sound, the assessment covers impact and vibration transmission caused by walking, moving furniture and operating equipment.

Building Sound Insulation



Selection approach

Identify the building's existing condition, intended use and noise sources to prioritise treatment areas. Measurements and site inspections, where needed, help establish the sound transmission paths. Assess the system's thickness, weight, strength and compatibility with other building elements to develop a solution suited to the project.

The final sound insulation performance depends on the complete construction, junctions and installation quality, rather than any single material.

Applications

Applicable to new buildings, refurbishment projects and changes of use. Solutions can be adapted to homes, hotels, offices, schools, hospitals and mixed-use buildings. Coordinated planning is particularly important where residential, commercial or technical areas share the same building.

Benefits

Supports building comfort by reducing the acoustic impact of one area on another. It contributes to privacy, concentration and rest. When planned properly at the design stage, it can help reduce the need for extensive remedial work to address noise problems later.

Building Sound Insulation





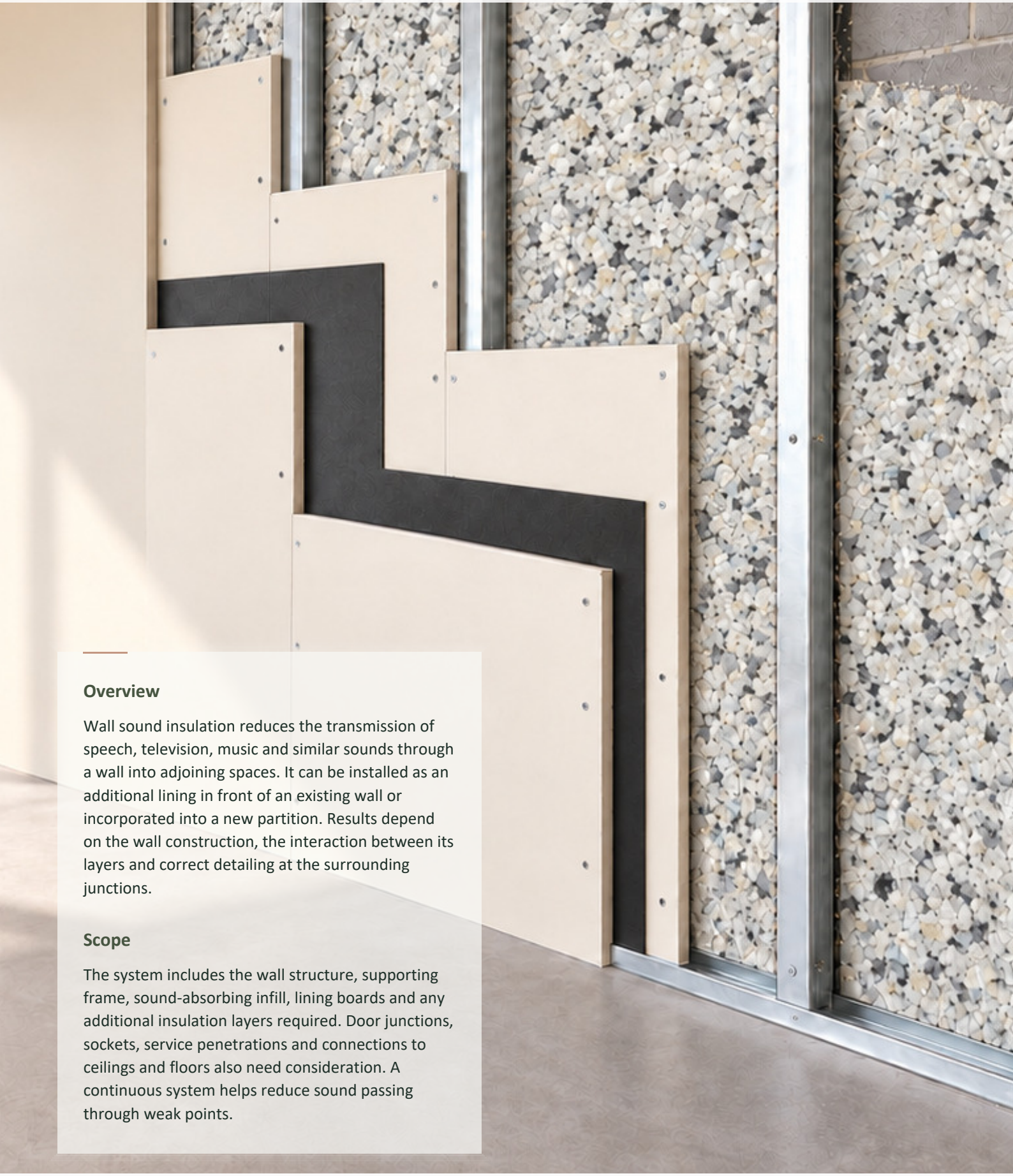






Building sound insulation comprises solutions throughout a building that reduce sound transmission between internal areas or from outdoors. Sound does not travel only through a wall or floor: it can also pass through junctions, openings and service connections.

Wall Sound Insulation



Overview

Wall sound insulation reduces the transmission of speech, television, music and similar sounds through a wall into adjoining spaces. It can be installed as an additional lining in front of an existing wall or incorporated into a new partition. Results depend on the wall construction, the interaction between its layers and correct detailing at the surrounding junctions.

Scope

The system includes the wall structure, supporting frame, sound-absorbing infill, lining boards and any additional insulation layers required. Door junctions, sockets, service penetrations and connections to ceilings and floors also need consideration. A continuous system helps reduce sound passing through weak points.

Wall Sound Insulation



Selection approach

Establish the wall material, thickness, existing gaps and the character of the noise. Consider whether work can be carried out from one or both sides, the space available for the lining and any equipment to be mounted on the wall. For low-frequency noise in particular, review performance data for the complete system and choose a solution that meets the specific need.

The final sound insulation performance depends on the complete construction, junctions and installation quality, rather than any single material.

Applications

Applications include walls around residential rooms, office partitions, meeting areas, hotel rooms, educational spaces and studios. It can be used where walls separate areas with different sound levels or where an existing partition provides insufficient sound insulation.

Benefits

Helps reduce the transmission of speech and everyday activity noise between spaces. It supports concentration at work, rest in living areas and privacy in consultation rooms, making it easier for different activities to take place within the same building.

Wall Sound Insulation





Wall sound insulation reduces the transmission of speech, television, music and similar sounds through a wall into adjoining spaces. It can be installed as an additional lining in front of an existing wall or incorporated into a new partition.

Ceiling Sound Insulation



Overview

Ceiling sound insulation reduces the impact of sound from the floor above or the ceiling area on the room below. Airborne sounds such as speech and television are assessed differently from impact sounds such as footsteps and moving furniture. The effectiveness of ceiling treatment depends on the existing slab, connection details and other transmission paths through the building.

Scope

The system includes a supporting structure below the existing slab, sound-absorbing infill, lining boards and, where needed, fixings that limit vibration transfer. Openings for lighting, ventilation ducts and other services are also considered. Junctions between the ceiling and walls must be assessed to maintain insulation continuity.

Ceiling Sound Insulation



Selection approach

First determine whether the disturbance is caused by airborne sound, impact or mechanical vibration. For impact noise, it is important to assess treatment alongside the flooring on the level above. Select suitable layers and installation methods by considering available ceiling height, system weight, structural fixings and service layouts.

The final sound insulation performance depends on the complete construction, junctions and installation quality, rather than any single material.

Applications

Suitable applications include apartments, hotel rooms, offices, educational spaces and buildings with different activities on adjacent floors. Where the floor above contains busy shared areas or technical equipment, the system should be designed around the specific noise source.

Benefits:

Benefits

Helps reduce the impact of sound from above, supporting comfort for rest, work and communication. Suitable connection details can help limit vibration transfer. Planned together with services and lighting, it provides a coordinated, functional ceiling solution.

Ceiling Sound Insulation





Ceiling sound insulation reduces the impact of sound from the floor above or the ceiling area on the room below. Airborne sounds such as speech and television are assessed differently from impact sounds such as footsteps and moving furniture.

Floor Sound Insulation



Overview

Floor sound insulation aims to reduce sound and vibration spreading through a floor during walking, furniture movement, dropped objects and equipment use. Depending on requirements, it can be installed beneath screed, within dry floor systems or below the final floor covering. Correctly designed floor layers influence acoustic comfort both in the room itself and in spaces below and nearby.

Scope

The structural slab, resilient insulation layers, load-distributing boards or screed and final floor covering are assessed together. In dry timber-framed systems, the frame, infill and upper board connections are also included. Controlling rigid contact at wall edges and service penetrations is important to reduce acoustic bridges.

Floor Sound Insulation



Selection approach

Establish the type of noise, traffic intensity and loads the floor will carry. Consider the available build-up depth, the existing floor's load-bearing capacity and the requirements of the final covering. Select a solution by assessing the insulation's resilience, behaviour under load and compatibility with the complete system.

The final sound insulation performance depends on the complete construction, junctions and installation quality, rather than any single material.

Applications

Applications include homes, offices, hotels, educational buildings, rehearsal spaces and areas with frequent movement. Spaces affected by exercise or equipment vibration require specific solutions suited to the loads and impacts involved. Systems can be installed in new buildings or during floor refurbishment.

Benefits

Helps reduce the spread of impact sound and vibration through a building. It supports comfort in the rooms below and helps different activities coexist more comfortably within the same building. A correctly selected system plays an important role in reducing disturbance from everyday movement.

Floor Sound Insulation





Floor sound insulation aims to reduce sound and vibration spreading through a floor during walking, furniture movement, dropped objects and equipment use. Depending on requirements, it can be installed beneath screed, within dry floor systems or below the final floor covering.

Party Wall Sound Insulation



Overview

Shared-wall sound insulation reduces sound transmission through walls separating adjacent units or spaces occupied by different users. It aims to limit the impact of speech, television and music from neighbouring apartments, offices or rooms. In addition to the wall itself, sockets, gaps and indirect transmission through surrounding building elements must be assessed.

Scope

The scope includes the shared wall, additional lining systems, absorbent infill and connection details. Back-to-back sockets, service channels, cracks and gaps around the wall are checked. The possibility of sound travelling around the wall through floors, ceilings or adjoining walls is examined to establish the limits of the proposed treatment.

Party Wall Sound Insulation



Selection approach

Identify the source, intensity and locations of the disturbing noise. Measure the existing wall and available installation space to plan the system thickness. When assessing the expected benefit of treatment from one side, consider sound transmission through connected floors and adjoining surfaces as well as the wall itself.

The final sound insulation performance depends on the complete construction, junctions and installation quality, rather than any single material.

Applications

Applications include walls between adjoining apartments, semi-detached homes, hotel rooms, adjacent offices, consultation rooms and separate commercial units. They are particularly relevant where different users carry out independent activities in the same building and speech privacy matters.

Benefits

Helps reduce the impact of everyday sounds from neighbouring areas and strengthens the sense of personal space. It supports more suitable conditions for rest, work and private conversations, helping reduce noise-related disturbance and making shared buildings more comfortable to use.

Party Wall Sound Insulation





Shared-wall sound insulation reduces sound transmission through walls separating adjacent units or spaces occupied by different users. It aims to limit the impact of speech, television and music from neighbouring apartments, offices or rooms.

Under-Screed Sound Insulation



Overview

Under-screed sound insulation places a suitable resilient layer between the structural slab and the screed. Its main purpose is to reduce the transfer of impact vibration, such as footsteps and furniture movement, into the building structure. When properly designed with perimeter separation, it can form a floating floor in which the screed is isolated from surrounding building elements.

Scope

The insulation layer above the structural slab, perimeter separation strips, screed and final floor finish are considered as one system. Joints, pipe penetrations, thresholds and wall edges are important details. Preventing unintended rigid connections between the screed and surrounding building elements is essential for the system to work as intended.

Under-Screed Sound Insulation



Selection approach

Select insulation to suit the screed weight, service loads and target impact sound reduction. Assess its behaviour under load, long-term durability and the total floor build-up. For projects with underfloor heating, check system compatibility and plan the screed specification and installation details together.

The final sound insulation performance depends on the complete construction, junctions and installation quality, rather than any single material.

Applications

Applications include new housing, hotels, offices, educational buildings and projects involving extensive floor refurbishment. It is particularly relevant where the aim is to reduce the impact of activity on an upper floor on the rooms below.

Benefits

Helps reduce the transfer of impact vibration into the building structure, supporting acoustic comfort between floors. Integrated into the floor construction before the final covering is installed, it remains concealed after completion. Appropriate material selection and perimeter detailing allow a continuous insulation layer across large areas.

Under-Screed Sound Insulation





Under-screed sound insulation places a suitable resilient layer between the structural slab and the screed. Its main purpose is to reduce the transfer of impact vibration, such as footsteps and furniture movement, into the building structure.

Sound Insulation Beneath Wood Flooring



Overview

Underlay beneath wood or laminate flooring helps control sound from walking and everyday movement. Depending on the flooring and underlay system, it can help reduce both walking noise heard within the room and impact noise transmitted to the floor below. These are different effects, so assess the relevant performance data for the intended use.

Scope

The scope includes the floor covering, acoustic underlay, existing subfloor and perimeter junctions. A floating or bonded installation determines which underlays can be used. Thresholds, skirting details, moisture conditions and any underfloor heating must also be considered as part of the complete floor system.

Sound Insulation Beneath Wood Flooring



Selection approach

Choose an underlay that meets the flooring manufacturer's thickness and strength requirements. Compressive strength, long-term behaviour under load and support for flooring joints are important. Wherever possible, assess sound reduction data for the complete floor covering and underlay system. For underfloor heating, also check thermal resistance and system compatibility.

The final sound insulation performance depends on the complete construction, junctions and installation quality, rather than any single material.

Applications

Suitable for homes, offices, hotel rooms and other interiors with wood or laminate flooring. It can be used in new floor installations or during refurbishment when the existing flooring is replaced. It is particularly relevant in living and working areas where everyday footstep noise is noticeable.

Benefits

Helps reduce walking noise and can improve the experience of using the floor. In suitable systems, it also supports reduced impact sound transmission to lower floors. When selected to match the floor covering, acoustic comfort becomes part of the finished flooring system.

Sound Insulation Materials



Overview

Explore our sound insulation materials range and installation options. Share your space dimensions and requirements to find out which options suit your project.

Scope

Acoustic Foam, Rebonded Foam, Bondex Foam, Sungerpan, Barrier-Backed Rebonded Foam, Barrier-Backed Bondex Foam, Barrier-Backed Sungerpan, Basotect Melamine Foam, Barrier-Backed Basotect Melamine Foam, Barrier-Backed Acoustic Foam, Sound Barrier, Acoustic Underlay, Rubber, Cork, Cork-Rubber Composite, Elastomeric Rubber, Acoustic Tape, Acoustic Isolation Clips and Mounts, High-Solids Liquid Contact Adhesive.

Selection approach

Each product is assessed separately for its intended location, material construction and installation conditions.

Applications

See the individual product and solution pages in this range for their intended applications.

Benefits

Compare options within the same range according to their intended use.

Select suitable dimensions, finishes and installation details together for your project.

Sound Insulation Materials













Explore our sound insulation materials range and installation options. Share your space dimensions and requirements to find out which options suit your project.

Acoustic Foam



Overview

Acoustic foams are porous, sound-absorbing materials that help control reverberation by reducing reflections from hard surfaces. They support clearer speech, cleaner recordings and a more balanced listening environment. Available surface profiles include flat, egg-crate, pyramid and labyrinth forms. In sound insulation applications, they can serve as an absorbing layer within wall, ceiling or equipment enclosure systems.

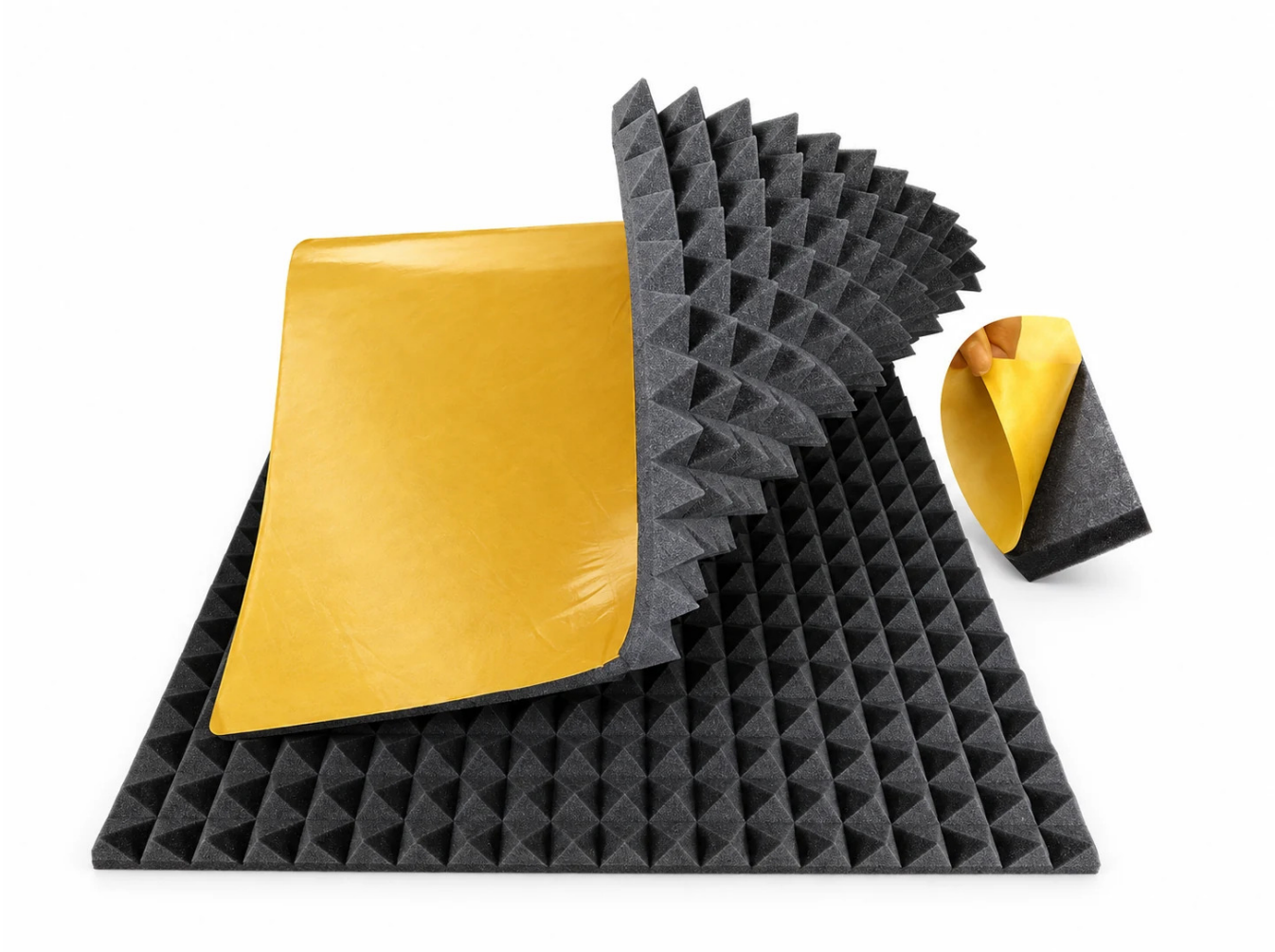
Technical specifications

Standard Sizes: 100 × 100 cm - 100 × 200 cm - 100 × 1000 cm
Standard Densities: 50 kg/m³ - 70 kg/m³ - 90 kg/m³
Standard Thicknesses: 10 mm - 20 mm - 30 mm - 40 mm - 50 mm
Available in custom sizes, thicknesses and densities.

Selection and scope

Selection depends on room size, purpose, sound frequency characteristics and mounting surface. Thickness, density, cell structure and coverage should be considered together; higher density alone does not mean better performance. Sizes, thicknesses and cuts vary by model and production options. Use the technical data sheet, absorption data and fire documentation required for the application as the basis for selection.

Acoustic Foam



Applications

Applications include recording studios, vocal and dubbing booths, instrument rooms, broadcasting spaces, meeting rooms and home cinemas. Technically suitable models can also be considered for machinery and equipment enclosures. Environmental conditions and suitability must be considered in every application.

Benefits

It helps reduce reverberation and overlapping sound, supporting clearer communication. It improves acoustic comfort in recording, broadcasting and working spaces. Within a suitable insulation system, it helps control sound reflections in cavities.

Let’s find the right option together

Recommending a single product before confirming dimensions, surfaces and installation conditions may not achieve the intended result. Share your application and expectations with Zoon Akustik to explore suitable options.

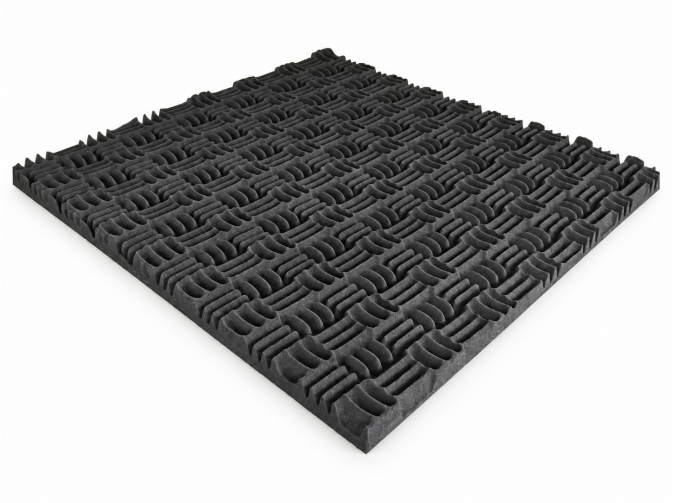
Project preparation

The intended use of the space, approximate dimensions, photographs of the installation surfaces and your colour or texture preferences will help us prepare a quotation.

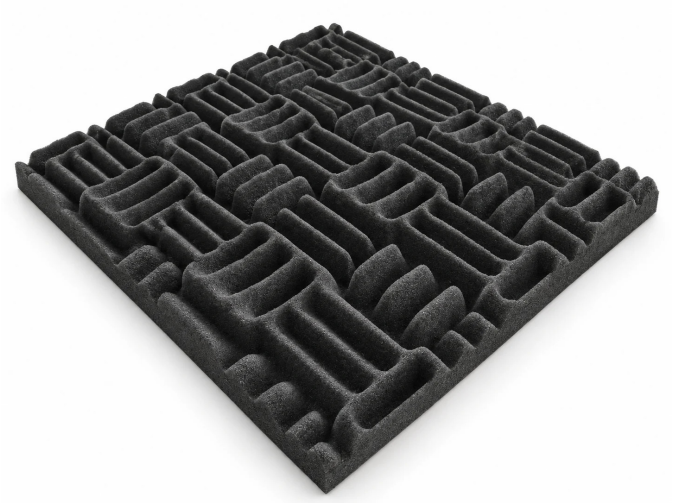
Technical performance, fire classification and suitability for use are verified against the selected product’s current manufacturer documentation. The product name alone does not constitute a performance guarantee.

Acoustic Foam













Acoustic foams are porous, sound-absorbing materials that help control reverberation by reducing reflections from hard surfaces. They support clearer speech, cleaner recordings and a more balanced listening environment.

Fire-Retardant Acoustic Foam



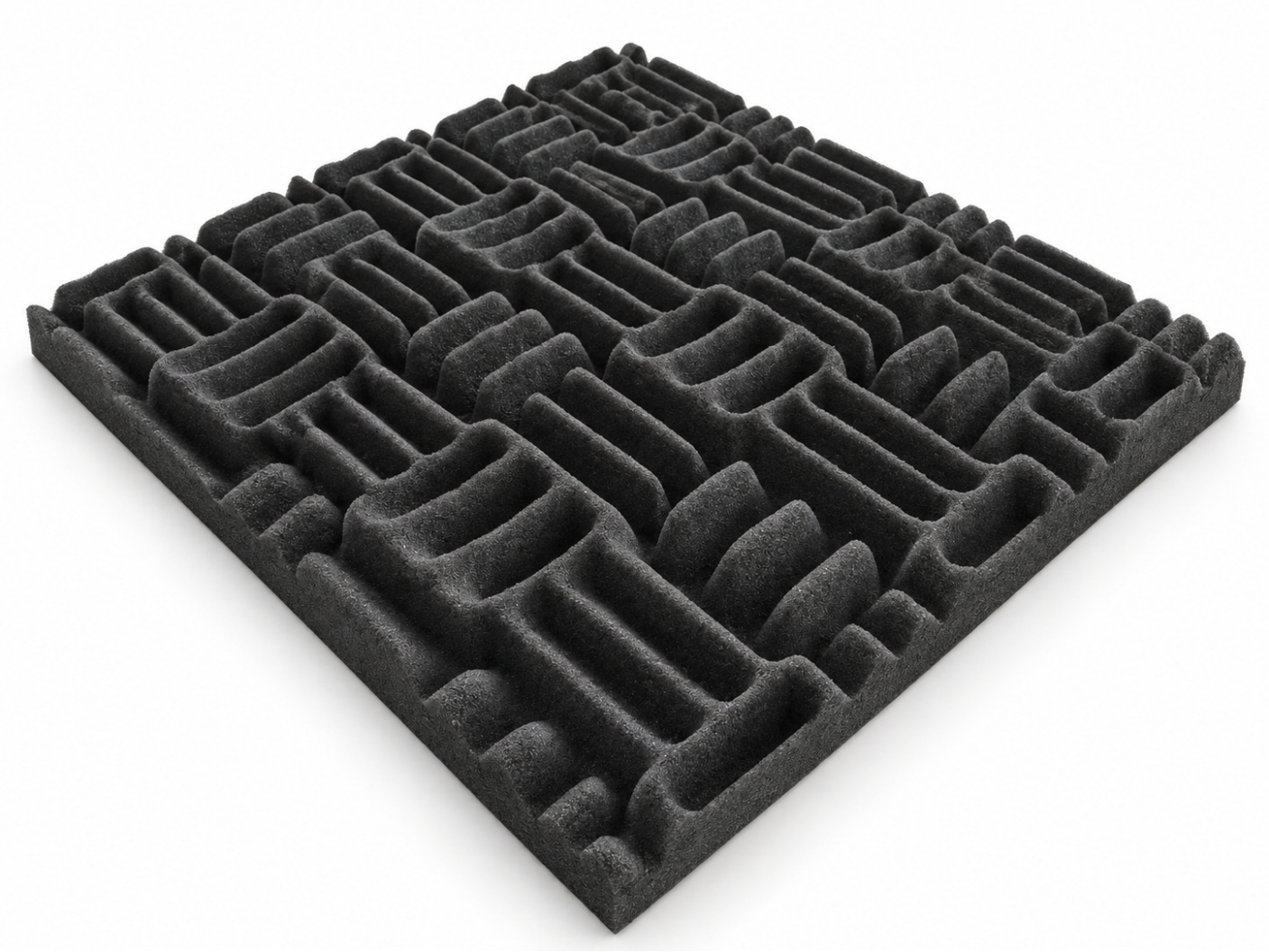
Overview

Products offered as Fire-Resistant Acoustic Foam are used where reaction-to-fire performance matters alongside absorption. Their porous structure helps reduce internal reflections. Fire behaviour must be assessed using test and classification documents for the selected model, rather than the product name alone.

Technical specifications

Standard Sizes: 100 × 100 cm - 100 × 200 cm - 100 × 1000 cm
Standard Densities: 50 kg/m³ - 70 kg/m³ - 90 kg/m³
Standard Thicknesses: 10 mm - 20 mm - 30 mm - 40 mm - 50 mm
Available in custom sizes, thicknesses and densities.

Fire-Retardant Acoustic Foam



Selection and scope

Thickness and density are selected according to the target sound control and installation conditions. Different surface profiles and manufacturable custom sizes can be considered. When assessing fire performance, any facing, adhesive and fixing method must be considered alongside the foam. For acoustic performance, check absorption data for the relevant product thickness.

Product names such as “fire-retardant” or “FR” do not guarantee a fire classification. The selected product’s valid test documentation and conditions of use must be checked.

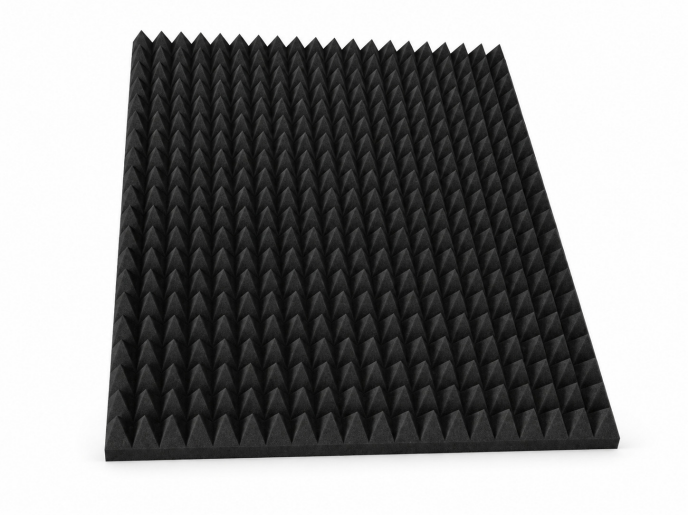
Applications

It can be considered for studios, broadcasting rooms, acoustic booths and plant rooms. Models used in commercial or publicly accessible spaces must meet the project’s fire and installation requirements.

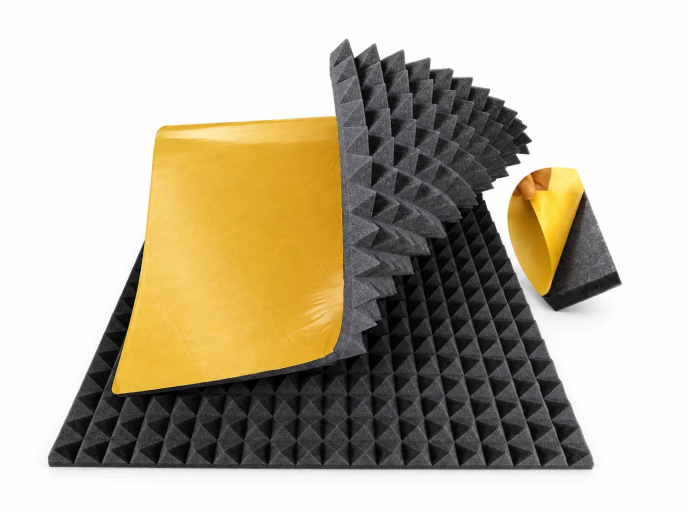
Benefits

It supports speaking and listening comfort by reducing reflections. Choosing a suitable model with documented fire performance helps meet project material requirements. It can be used as absorbing infill or an internal lining in multilayer sound insulation systems.

Fire-Retardant Acoustic Foam









Products offered as Fire-Resistant Acoustic Foam are used where reaction-to-fire performance matters alongside absorption. Their porous structure helps reduce internal reflections.

Fire-Retardant Egg-Crate Acoustic Foam



Overview

Fire-Resistant Egg-Crate Acoustic Foam is an absorber recognised by its rounded peaks and hollows resembling an egg carton. Its porous structure absorbs part of the sound energy to reduce reflections. It is particularly relevant to speech and the medium- and high-frequency range of many instruments.

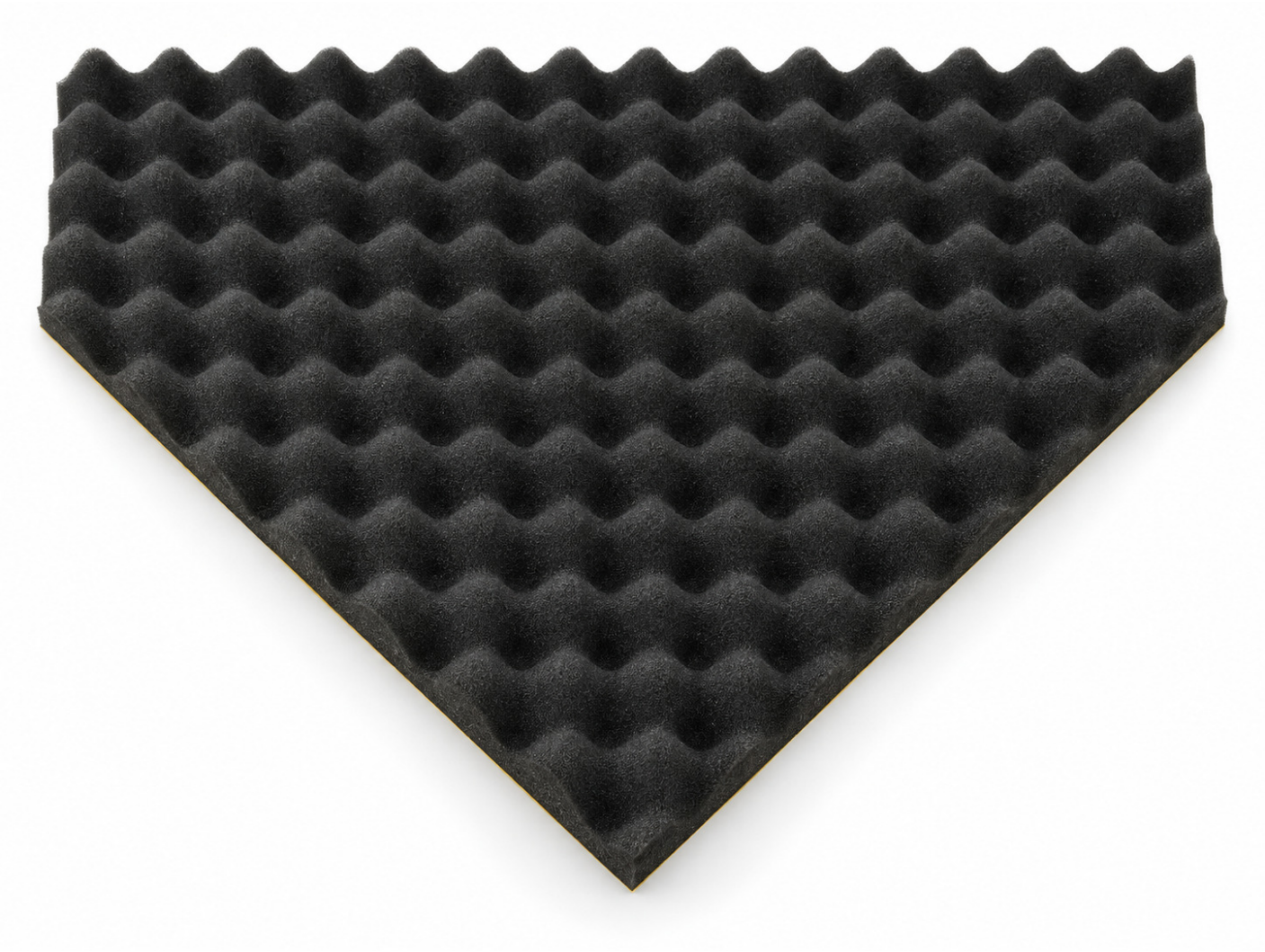
Technical specifications

Standard Sizes: 100 × 100 cm - 100 × 200 cm
Standard Densities: 50 kg/m³ - 70 kg/m³ - 90 kg/m³
Standard Thicknesses: 30 mm - 40 mm - 50 mm
Available in custom sizes, thicknesses and densities.

Selection and scope

Selection should consider base thickness beneath the profile as well as overall thickness. Density, cell structure, coverage and positioning are assessed together. Sheet sizes and cutting options vary by model. Fire performance and absorption properties must be verified through product documentation.

Fire-Retardant Egg-Crate Acoustic Foam



Selection and scope

Product names such as “fire-retardant” or “FR” do not guarantee a fire classification. The selected product’s valid test documentation and conditions of use must be checked.

Applications

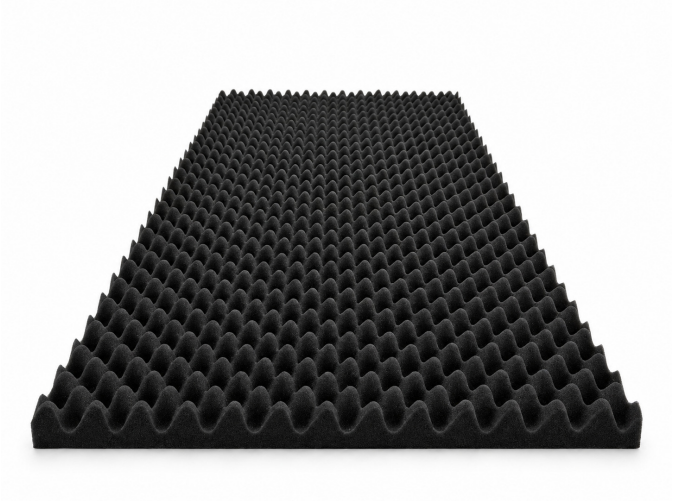
Applications include vocal recording spaces, podcast rooms, music practice rooms, broadcasting booths and home studios. Technically suitable products can also be considered for the inner surfaces of equipment enclosures.

Benefits

It helps reduce reflections from walls and ceilings, improve speech clarity and limit room effects in recordings. Its profiled surface gives the installation a distinctive acoustic appearance. Used inside a sound-insulated booth, it supports the control of internal reverberation.

Fire-Retardant Egg-Crate Acoustic Foam





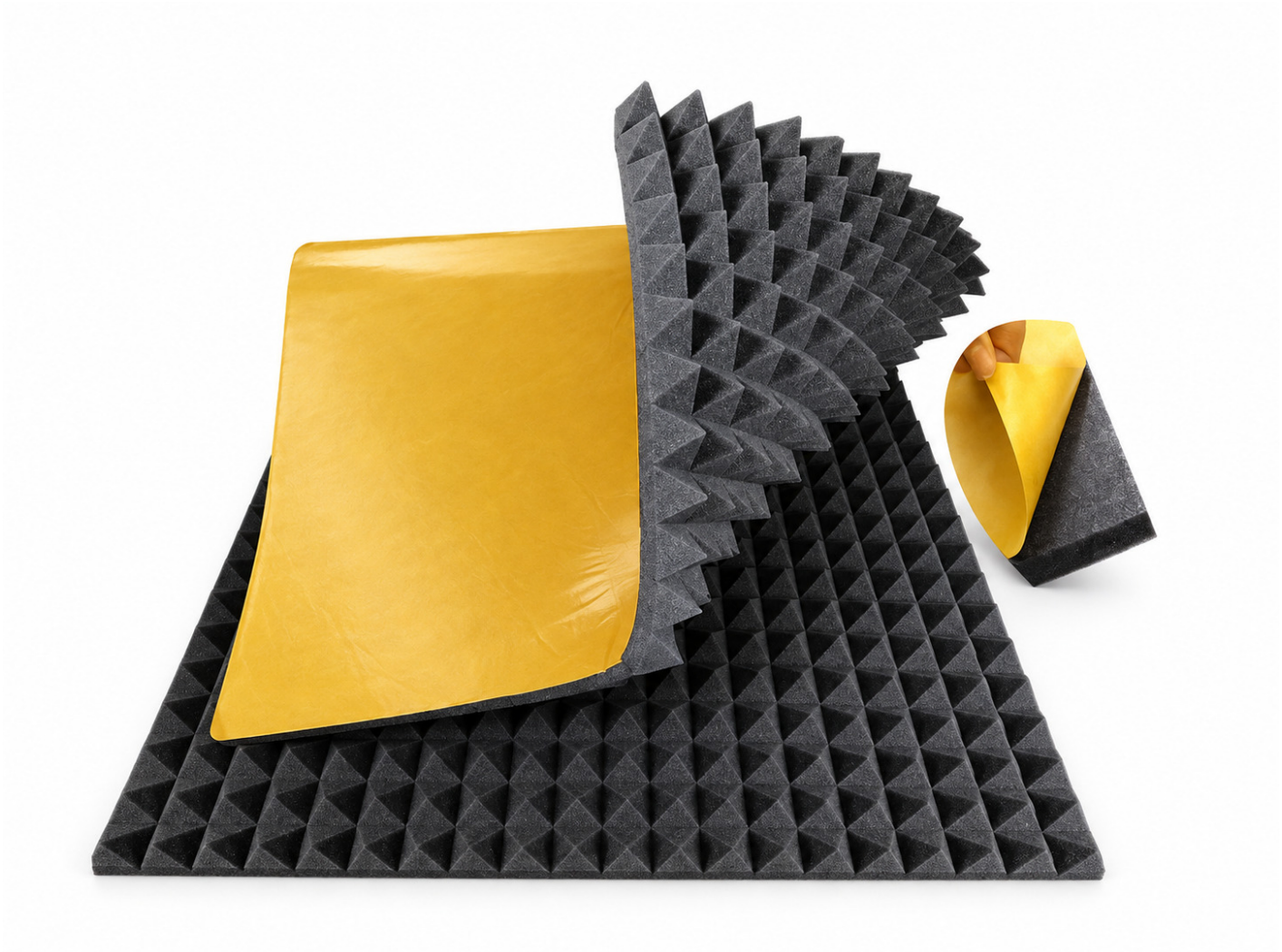






Fire-Resistant Egg-Crate Acoustic Foam is an absorber recognised by its rounded peaks and hollows resembling an egg carton. Its porous structure absorbs part of the sound energy to reduce reflections.

Fire-Retardant Pyramid Acoustic Foam



Overview

Fire-Resistant Pyramid Acoustic Foam is an absorbing lining with regular pyramid profiles. By helping control reflected sound, it supports a balanced listening and recording environment. The pyramid shape describes surface geometry; actual performance must be assessed alongside material structure and thickness.

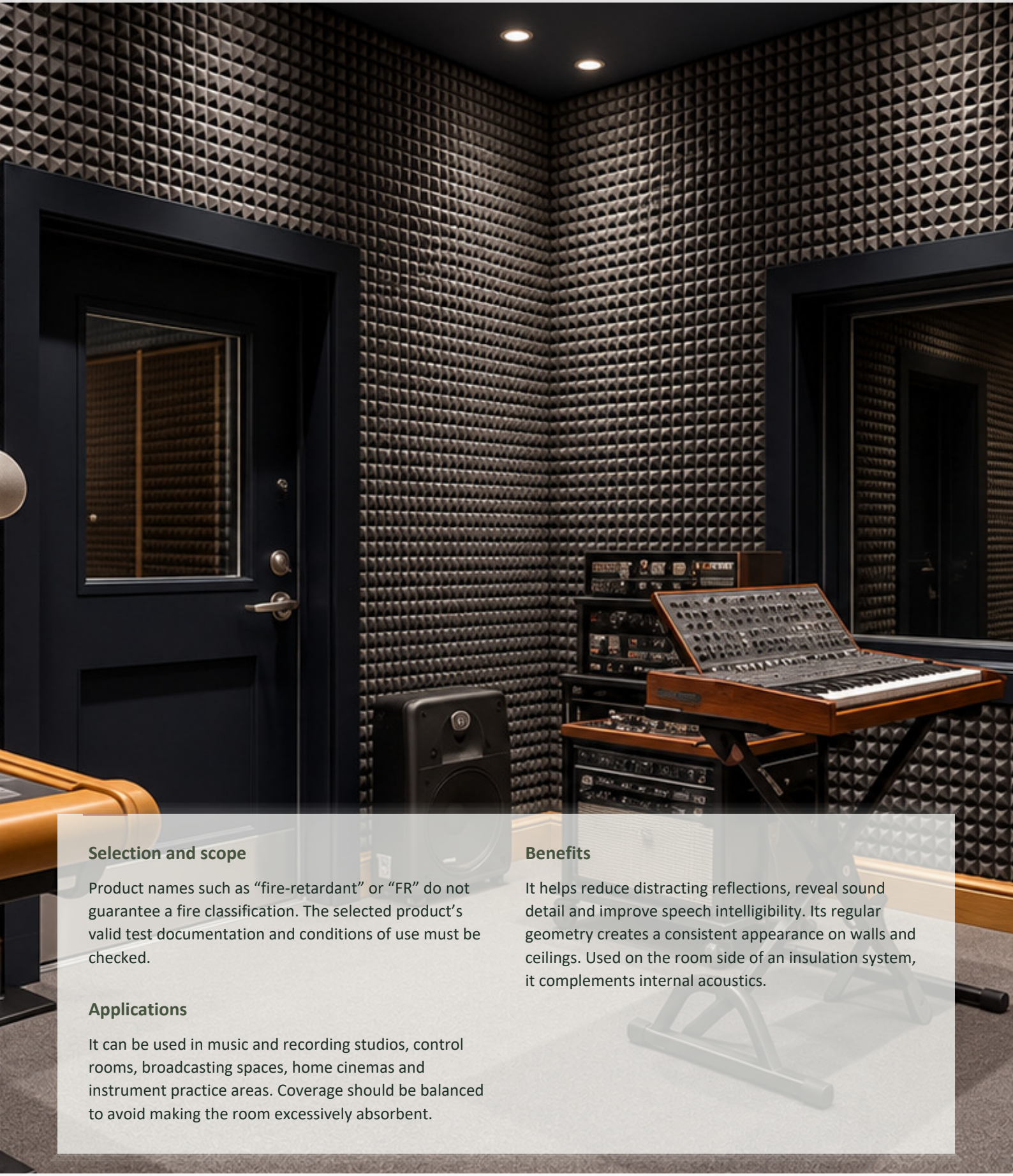
Technical specifications

Standard Sizes: 100 × 100 cm - 100 × 200 cm
Standard Densities: 50 kg/m³ - 70 kg/m³ - 90 kg/m³
Standard Thicknesses: 40 mm - 50 mm
Available in custom sizes, thicknesses and densities.

Selection and scope

Pyramid height, base thickness, density and surface coverage are selected to suit the installation. Different sizes and project-specific cuts may be available. Absorption reports and reaction-to-fire documents must match the intended model and thickness. Positioning should particularly address surfaces that reflect sound directly towards the listener.

Fire-Retardant Pyramid Acoustic Foam



Selection and scope

Product names such as “fire-retardant” or “FR” do not guarantee a fire classification. The selected product’s valid test documentation and conditions of use must be checked.

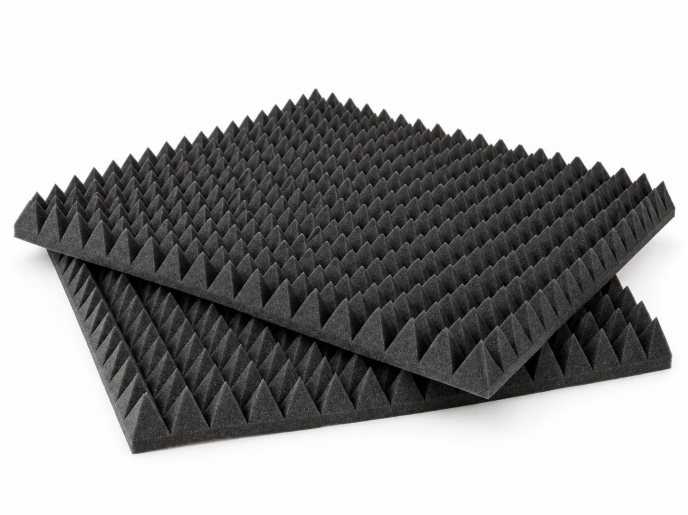
Applications

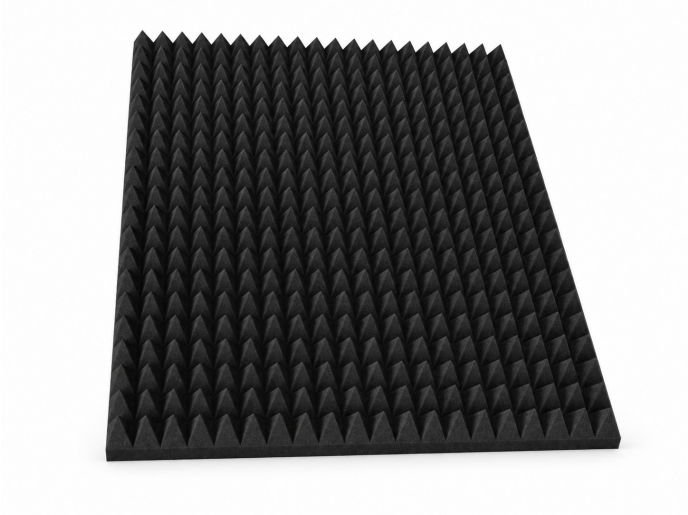
It can be used in music and recording studios, control rooms, broadcasting spaces, home cinemas and instrument practice areas. Coverage should be balanced to avoid making the room excessively absorbent.

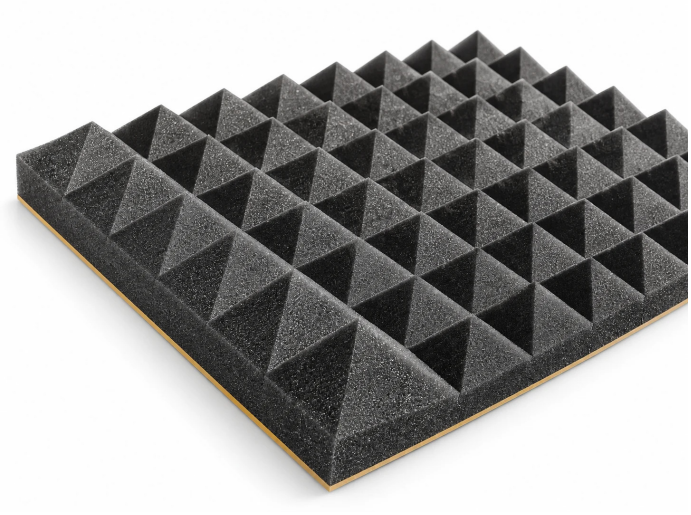
Benefits

It helps reduce distracting reflections, reveal sound detail and improve speech intelligibility. Its regular geometry creates a consistent appearance on walls and ceilings. Used on the room side of an insulation system, it complements internal acoustics.

Fire-Retardant Pyramid Acoustic Foam









Fire-Resistant Pyramid Acoustic Foam is an absorbing lining with regular pyramid profiles. By helping control reflected sound, it supports a balanced listening and recording environment.

Fire-Retardant Wedge Acoustic Foam



Overview

Fire-Resistant Labyrinth Acoustic Foam is used to control internal reflections through a profiled surface of channels and raised areas. Its porous structure supports absorption, while the pattern gives the installation a distinctive appearance. A labyrinth profile alone should not be taken to provide sound insulation or high absorption at every frequency.

Technical specifications

Standard Sizes: 100 × 100 cm - 100 × 200 cm
Standard Densities: 50 kg/m³ - 70 kg/m³ - 90 kg/m³
Standard Thicknesses: 30 mm - 40 mm - 50 mm
Available in custom sizes, thicknesses and densities.

Fire-Retardant Wedge Acoustic Foam



Selection and scope

Profile depth, base thickness, density and absorption values are examined together. Wall, ceiling or booth installations can be planned according to use. Sheet dimensions and custom cuts depend on production options. Fire performance is assessed through the selected model’s test and classification documents.

Product names such as “fire-retardant” or “FR” do not guarantee a fire classification. The selected product’s valid test documentation and conditions of use must be checked.

Applications

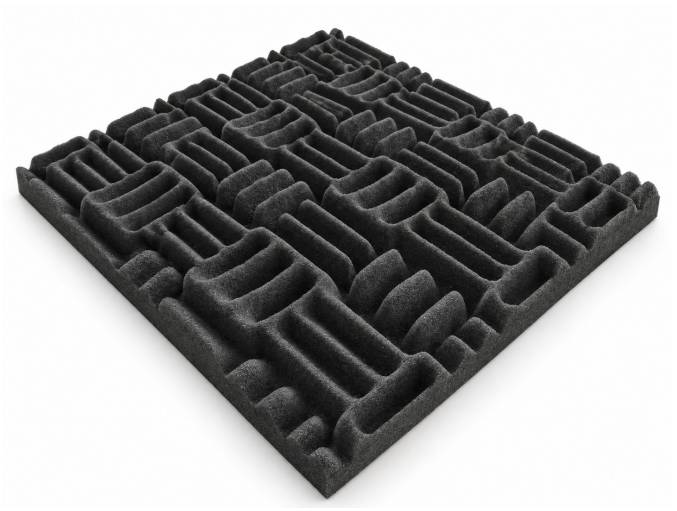
It can be considered for rehearsal rooms, vocal and dubbing booths, radio rooms, broadcasting spaces and home studios. Models with suitable technical properties can also be used for internal treatment of machinery and equipment enclosures.

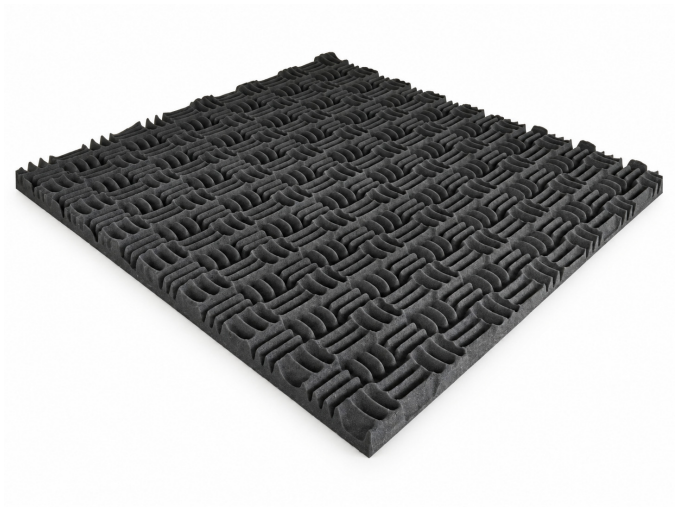
Benefits

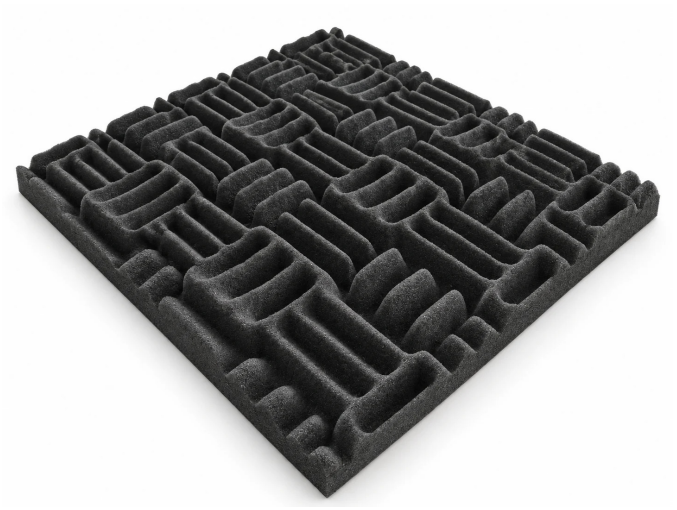
It helps reduce reverberation, improve clarity and maintain a controlled recording environment. Correct positioning can limit repeated reflections between opposing hard surfaces. Used alongside layered insulation systems, it supports internal acoustic comfort.

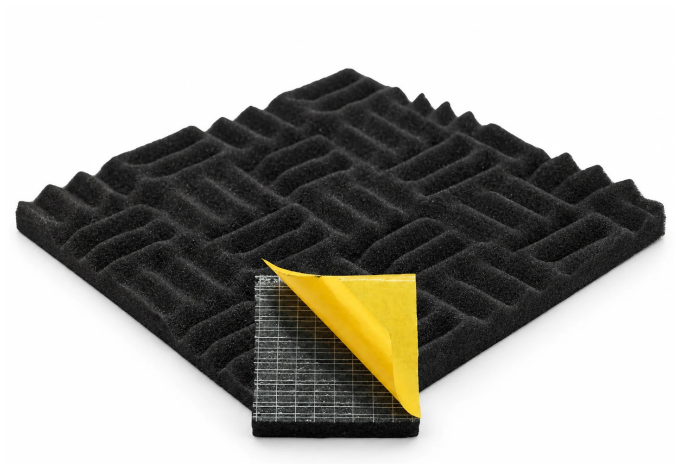
Fire-Retardant Wedge Acoustic Foam

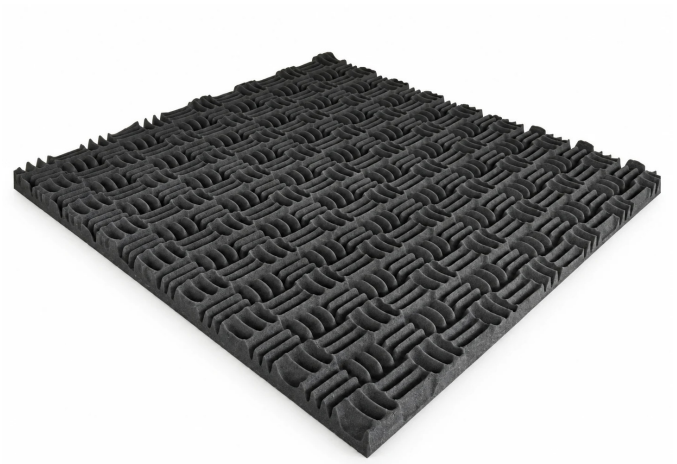












Fire-Resistant Labyrinth Acoustic Foam is used to control internal reflections through a profiled surface of channels and raised areas. Its porous structure supports absorption, while the pattern gives the installation a distinctive appearance.

Fire-Retardant Flat Acoustic Foam



Overview

Fire-Resistant Flat Acoustic Foam consists of even-thickness porous absorbing sheets without a pronounced profile. Its simple appearance suits exposed surfaces or use behind suitable coverings. It helps reduce room reflections and can serve as cavity absorption in sound insulation systems.

Technical specifications

Standard Sizes: 100 × 100 cm - 100 × 200 cm - 100 × 1000 cm
Standard Densities: 50 kg/m³ - 70 kg/m³ - 90 kg/m³
Standard Thicknesses: 10 mm - 20 mm - 30 mm - 40 mm - 50 mm
Available in custom sizes, thicknesses and densities.

Fire-Retardant Flat Acoustic Foam



Selection and scope

Thickness, density, cell structure and installation method are selected for the target frequency range. If a covering is used, its acoustic transparency must be considered. Different sheet sizes and project-specific cuts may be available. Fire performance and acoustic properties are assessed using the product's technical documentation.

Product names such as "fire-retardant" or "FR" do not guarantee a fire classification. The selected product's valid test documentation and conditions of use must be checked.

Applications

It can be used in acoustic panel production, studio treatment, booth interiors and suitable wall or ceiling systems. Models with appropriate technical properties can also be considered for equipment enclosures.

Benefits

Its flat face makes a neat, simple installation easier to achieve. It can form a controlled absorbing layer inside panels and enclosed systems. With appropriate thickness and positioning, it supports reduced reverberation, speech clarity and listening comfort.

Fire-Retardant Flat Acoustic Foam







Fire-Resistant Flat Acoustic Foam consists of even-thickness porous absorbing sheets without a pronounced profile. Its simple appearance suits exposed surfaces or use behind suitable coverings.

PU Film-Faced Fire-Retardant Acoustic Foam



Overview

PU Film-Faced Fire-Resistant Acoustic Foam is a composite product with a polyurethane-based film on the absorbing foam surface. The film can change surface use and maintenance properties. Its effect on absorption depends on the film structure and the performance of the complete foam-and-film product.

Technical specifications

Standard Sizes: 100 × 100 cm - 100 × 200 cm - 100 × 1000 cm
Standard Densities: 50 kg/m³ - 70 kg/m³ - 90 kg/m³
Standard Thicknesses: 10 mm - 20 mm - 30 mm - 40 mm - 50 mm
Available in custom sizes, thicknesses and densities.

Selection and scope

Alongside foam thickness and density, film thickness, acoustic transparency and environmental suitability should be assessed. Manufacturer limits for dust, moisture, cleaning and temperature apply. Dimensions and cuts vary by model. Fire and absorption documentation must represent the film-faced finished product, not the foam alone.

Product names such as “fire-retardant” or “FR” do not guarantee a fire classification. The selected product’s valid test documentation and conditions of use must be checked.

PU Film-Faced Fire-Retardant Acoustic Foam



Applications

It can be used in technical booths, equipment enclosures and acoustic applications where surface properties matter. Suitability must be separately documented where contact with oil, water or chemicals is possible.

Benefits

A suitable model can combine absorption with more controlled surface properties. It may offer maintenance and cleaning advantages in specific applications. Inside insulated booths or enclosures, it can serve as a lining that helps reduce reflected sound.

Installation approach

Recommending a single product before confirming dimensions, surfaces and installation conditions may not achieve the intended result. Share your application and expectations with Zoon Akustik to explore suitable options.

Project preparation

The intended use of the space, approximate dimensions, photographs of the installation surfaces and your colour or texture preferences will help us prepare a quotation.

Technical performance, fire classification and suitability for use are verified against the selected product’s current manufacturer documentation. The product name alone does not constitute a performance guarantee.

Foil-Faced Fire-Retardant Acoustic Foam



Overview

Foil-Faced Fire-Resistant Acoustic Foam is a composite material combining an absorbing foam layer with a foil surface facing. The facing affects surface properties and conditions of use. Since foil can increase sound reflection at some frequencies, acoustic performance should be assessed for the complete faced product.

Technical specifications

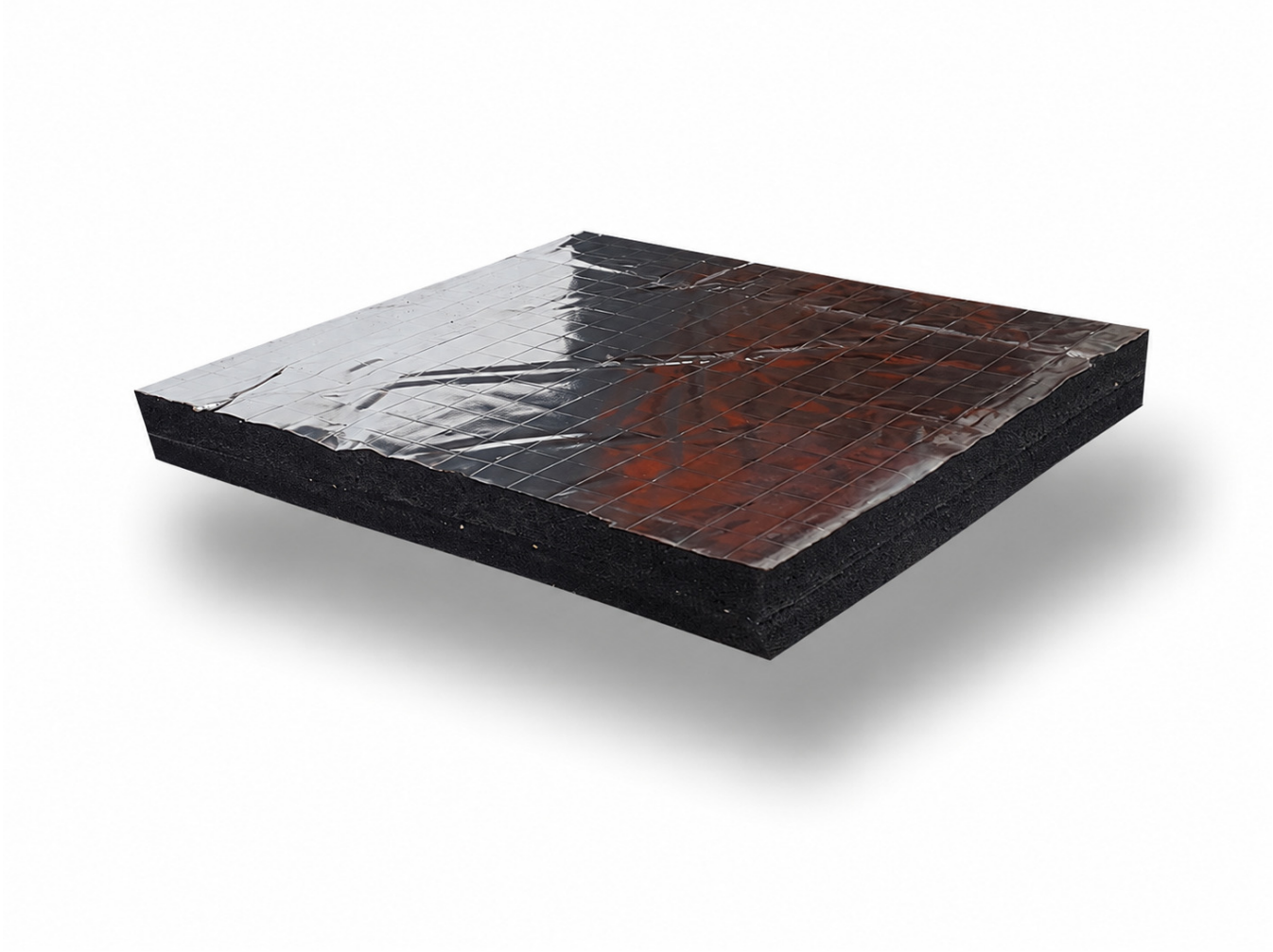
Standard Sizes: 100 × 100 cm - 100 × 200 cm - 100 × 1000 cm
Standard Densities: 50 kg/m³ - 70 kg/m³ - 90 kg/m³
Standard Thicknesses: 10 mm - 20 mm - 30 mm - 40 mm - 50 mm
Available in custom sizes, thicknesses and densities.

Selection and scope

Foam thickness, density, foil type and any perforations are assessed for the application. Consider the selected model's technical limits for heat, moisture, cleaning and fire conditions. Manufacturing or cutting options vary by series. Absorption and fire documentation must relate to the faced model being used.

Product names such as "fire-retardant" or "FR" do not guarantee a fire classification. The selected product's valid test documentation and conditions of use must be checked.

Foil-Faced Fire-Retardant Acoustic Foam



Applications

It can be considered for machinery enclosures, plant rooms and specialised equipment housings. Where absorption is the priority, selection should be based on measurements for the faced product.

Benefits

It allows a surface facing and absorbing layer to work together in suitable applications. Surface requirements and acoustics can be assessed jointly in technical spaces. It can complement equipment enclosures according to the complete system’s sound control objectives.

Installation approach

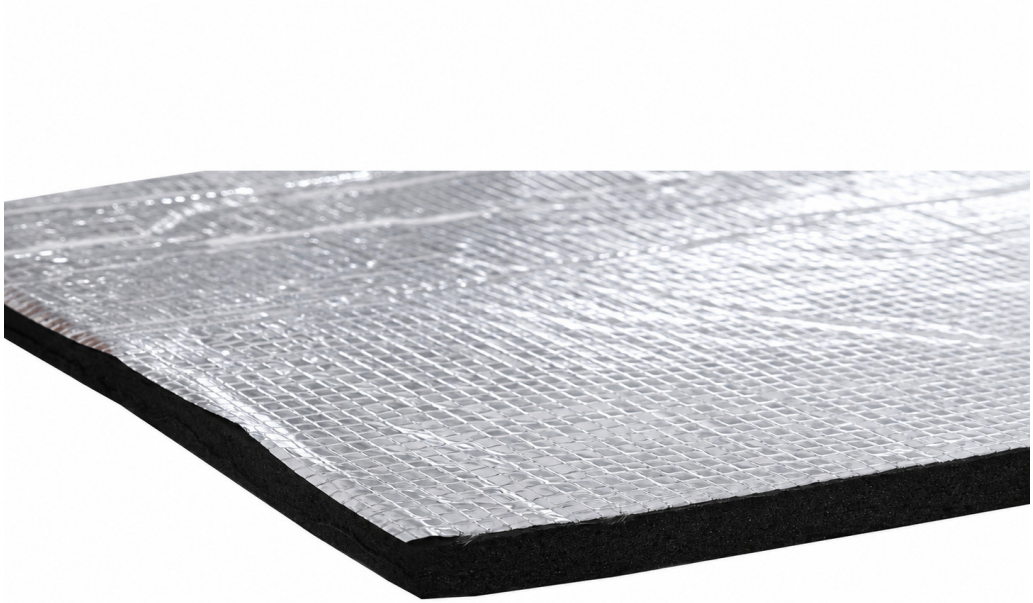
Recommending a single product before confirming dimensions, surfaces and installation conditions may not achieve the intended result. Share your application and expectations with Zoon Akustik to explore suitable options.

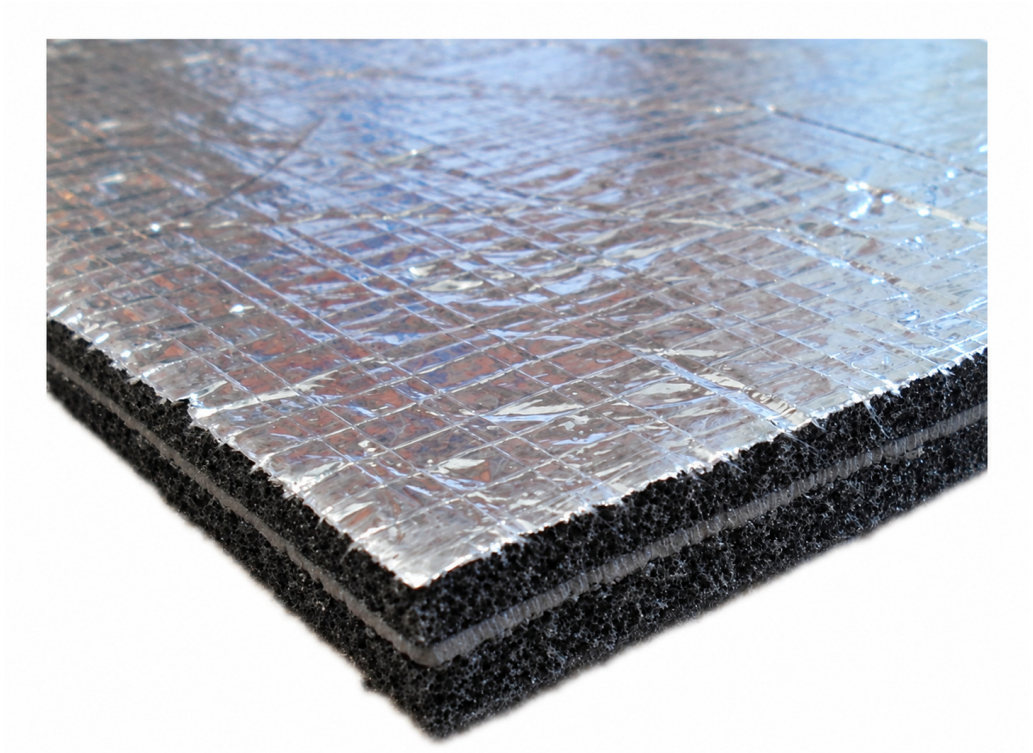
Project preparation

The intended use of the space, approximate dimensions, photographs of the installation surfaces and your colour or texture preferences will help us prepare a quotation.

Technical performance, fire classification and suitability for use are verified against the selected product’s current manufacturer documentation. The product name alone does not constitute a performance guarantee.

Foil-Faced Fire-Retardant Acoustic Foam





Foil-Faced Fire-Resistant Acoustic Foam is a composite material combining an absorbing foam layer with a foil surface facing. The facing affects surface properties and conditions of use.

Self-Adhesive Acoustic Foam



Overview

Self-Adhesive Acoustic Foam is an absorbing material with an adhesive backing to simplify installation. Depending on the model, flat or profiled faces may be available. The foam provides the acoustic function, while the adhesive backing helps achieve an orderly installation on suitable substrates.

Technical specifications

Standard Sizes: 100 × 100 cm - 100 × 200 cm - 100 × 1000 cm
Standard Densities: 50 kg/m³ - 70 kg/m³ - 90 kg/m³
Standard Thicknesses: 10 mm - 20 mm - 30 mm - 40 mm - 50 mm
Available in custom sizes, thicknesses and densities.

Selection and scope

Thickness, density and surface profile are selected to meet acoustic needs, while adhesive compatibility with the substrate is checked separately. The surface should be clean, dry, sound and dust-free. Different sizes and cuts may be available according to production options. For ceilings or special conditions, follow the manufacturer's additional fixing instructions. Documentation should relate to the finished product, including its adhesive.

Absorption depends on frequency and thickness. Foam lining alone is not a wall system that prevents sound transmission to an adjacent room.

Self-Adhesive Acoustic Foam



Applications

It can be used in home studios, broadcasting spaces, recording booths and suitable equipment enclosures. Rough, damp or poorly painted surfaces require assessment of surface preparation and adhesion before installation.

Benefits

On suitable surfaces, it helps shorten installation time and achieve an orderly layout. It can reduce additional adhesive use. Combined with the appropriate foam model, it supports reverberation control and clearer sound.

Installation approach

Recommending a single product before confirming dimensions, surfaces and installation conditions may not achieve the intended result. Share your application and expectations with Zoon Akustik to explore suitable options.

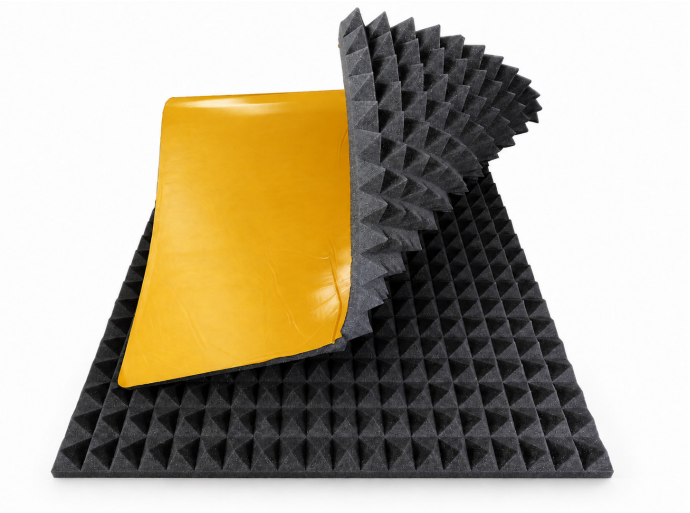
Project preparation

The intended use of the space, approximate dimensions, photographs of the installation surfaces and your colour or texture preferences will help us prepare a quotation.

Technical performance, fire classification and suitability for use are verified against the selected product's current manufacturer documentation. The product name alone does not constitute a performance guarantee.

Self-Adhesive Acoustic Foam

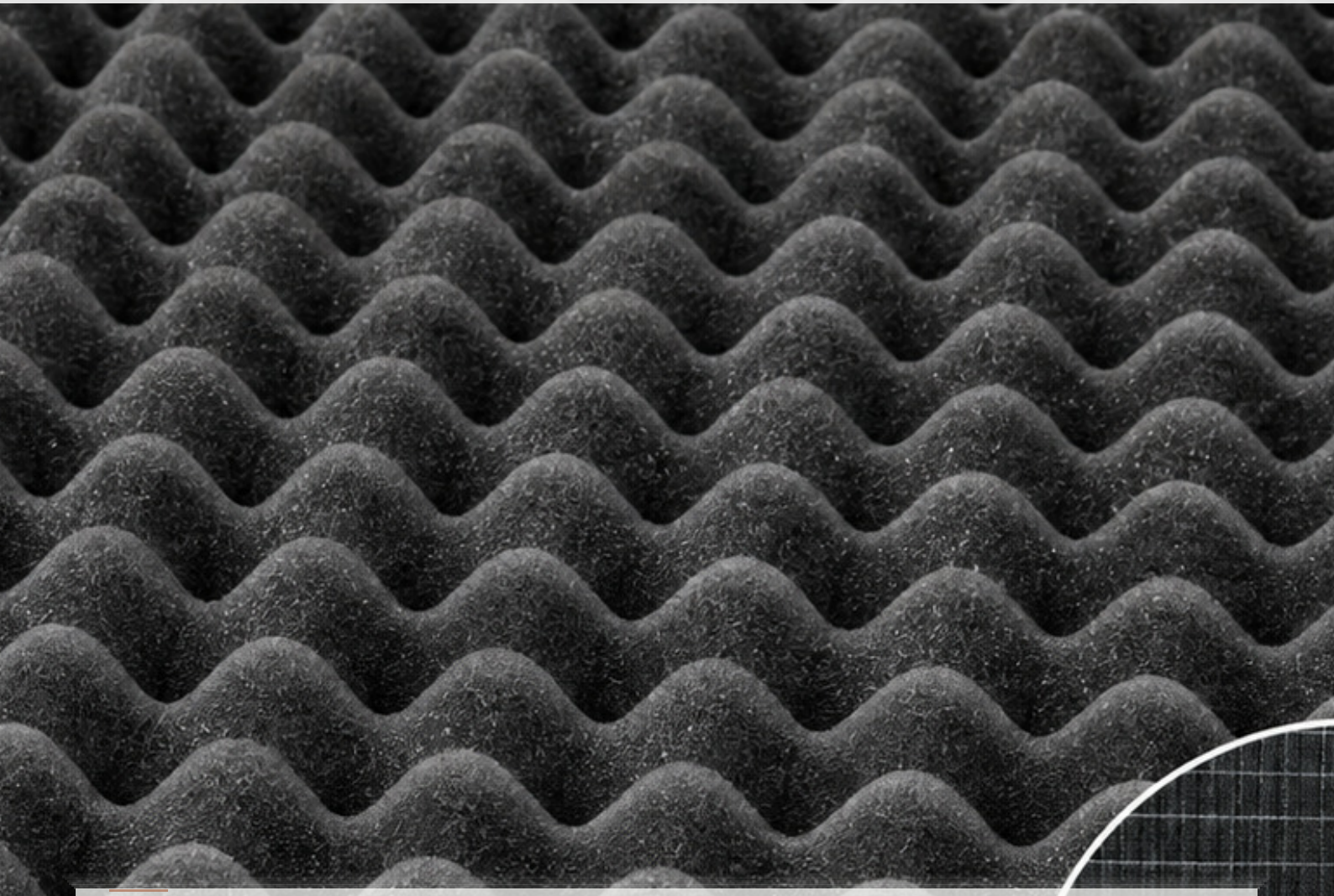






Self-Adhesive Acoustic Foam is an absorbing material with an adhesive backing to simplify installation. Depending on the model, flat or profiled faces may be available.

26 FR Acoustic Foam



Overview

26 FR Acoustic Foam is a sound-absorbing foam range selected according to the technical specifications of the relevant product series. It can be used to reduce reflections and create a more controlled acoustic environment. The series code and FR designation in the product name do not replace a confirmed density or fire classification; these should be checked in the technical data sheet and relevant test reports.

Technical specifications

Standard Sizes: 100 × 100 cm - 100 × 200 cm - 100 × 1000 cm
Standard Grade: 26 FR
Standard Thicknesses: 10 mm - 20 mm - 30 mm - 40 mm - 50 mm
Available in custom sizes, thicknesses and densities.

Selection and scope

Actual density, thickness, cell structure and absorption values are assessed against installation needs. Different sizes and profiles may be selected within the series' production options. Fire assessment should consider the intended thickness, any facing and the fixing method. In insulation applications, the product's role within the system is also defined.

Product names such as "fire-retardant" or "FR" do not guarantee a fire classification. The selected product's valid test documentation and conditions of use must be checked.

26 FR Acoustic Foam



Applications

It can be considered for acoustic booths, recording and broadcasting spaces, and enclosure systems compatible with its technical specifications. Suitability for commercial and technical applications should be established using the documentation for the selected series.

Benefits

Suitable model and thickness selection helps reduce reverberation, improve speech intelligibility and balance the recording environment. Selection based on technical data allows the product to be matched more accurately to project needs.

Installation approach

Recommending a single product before confirming dimensions, surfaces and installation conditions may not achieve the intended result. Share your application and expectations with Zoon Akustik to explore suitable options.

Project preparation

The intended use of the space, approximate dimensions, photographs of the installation surfaces and your colour or texture preferences will help us prepare a quotation.

Technical performance, fire classification and suitability for use are verified against the selected product’s current manufacturer documentation. The product name alone does not constitute a performance guarantee.

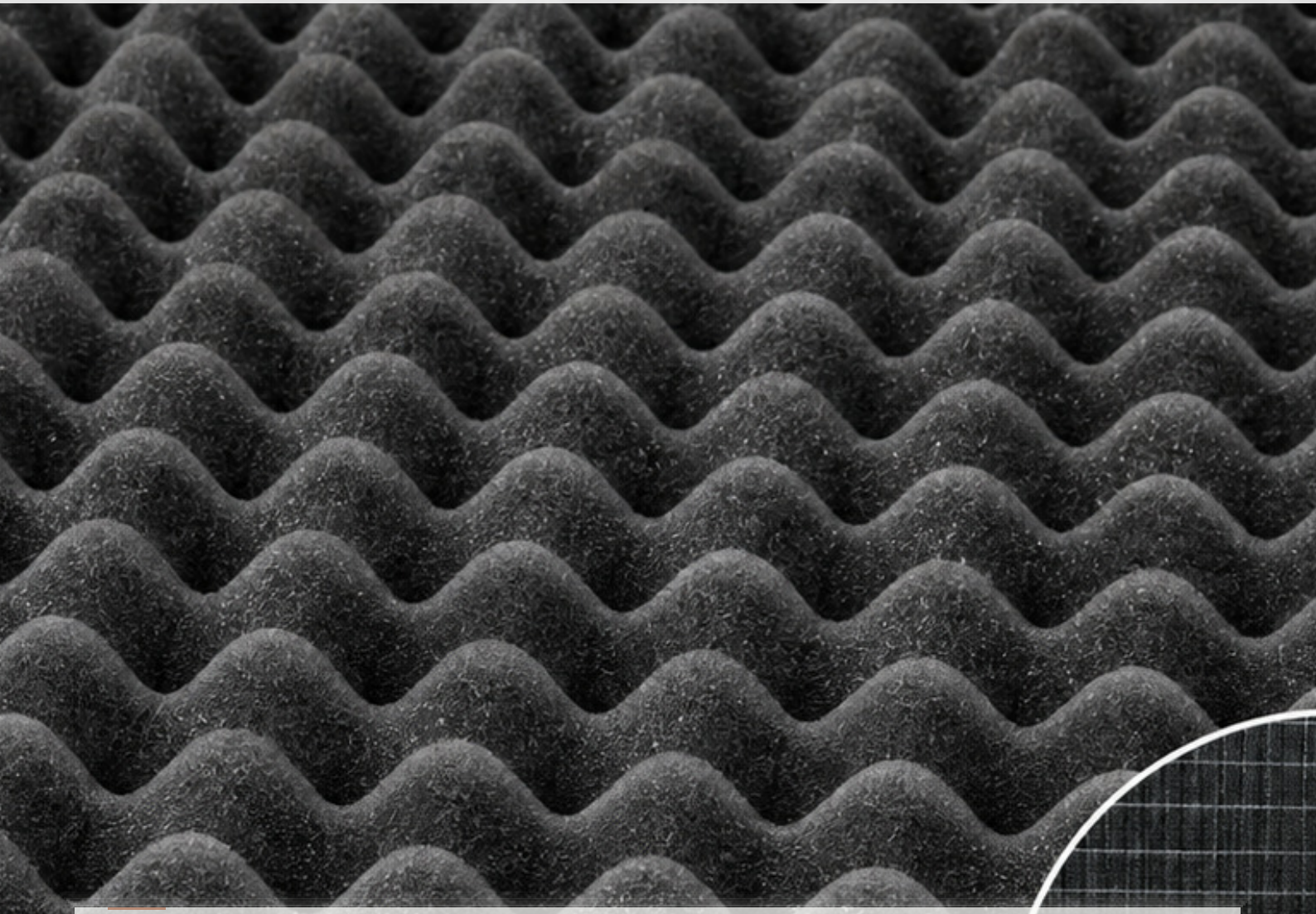
26 FR Acoustic Foam





26 FR Acoustic Foam is a sound-absorbing foam range selected according to the technical specifications of the relevant product series. It can be used to reduce reflections and create a more controlled acoustic environment.

15 DNS Acoustic Foam



Overview

15 DNS Acoustic Foam is a foam product range named after its density grade and used to control sound reflections within a room. The DNS designation does not indicate a sound reduction rating or decibel value. Acoustic behaviour should be assessed together with the product's actual density, thickness, cell structure and installation method.

Technical specifications

Standard Sizes: 100 × 100 cm - 100 × 200 cm - 100 × 1000 cm
Standard Grade: 15 DNS
Standard Thicknesses: 10 mm - 20 mm - 30 mm - 40 mm - 50 mm
Available in custom sizes, thicknesses and densities.

Selection and scope

Selection considers the target frequency range and coverage as well as density. Available thicknesses, dimensions and profiles depend on the series. Where a different density is needed, another suitable product series should be considered. Absorption data, fire performance and other properties must be checked in the selected model's technical documents. This series is not fire-resistant.

Absorption depends on frequency and thickness. Foam lining alone is not a wall system that prevents sound transmission to an adjacent room.

15 DNS Acoustic Foam



Applications

It can be used in home studios, broadcasting corners, booth interiors and suitable panel systems. Its location should be selected with reference to acoustic data and the safety conditions of the environment.

Benefits

Under suitable conditions, it helps reduce indoor reflections and create a more balanced speaking or recording environment. Appropriate thickness and placement support acoustic treatment. Within multilayer systems, its contribution is assessed through the complete system’s design and performance.

Installation approach

Recommending a single product before confirming dimensions, surfaces and installation conditions may not achieve the intended result. Share your application and expectations with Zoon Akustik to explore suitable options.

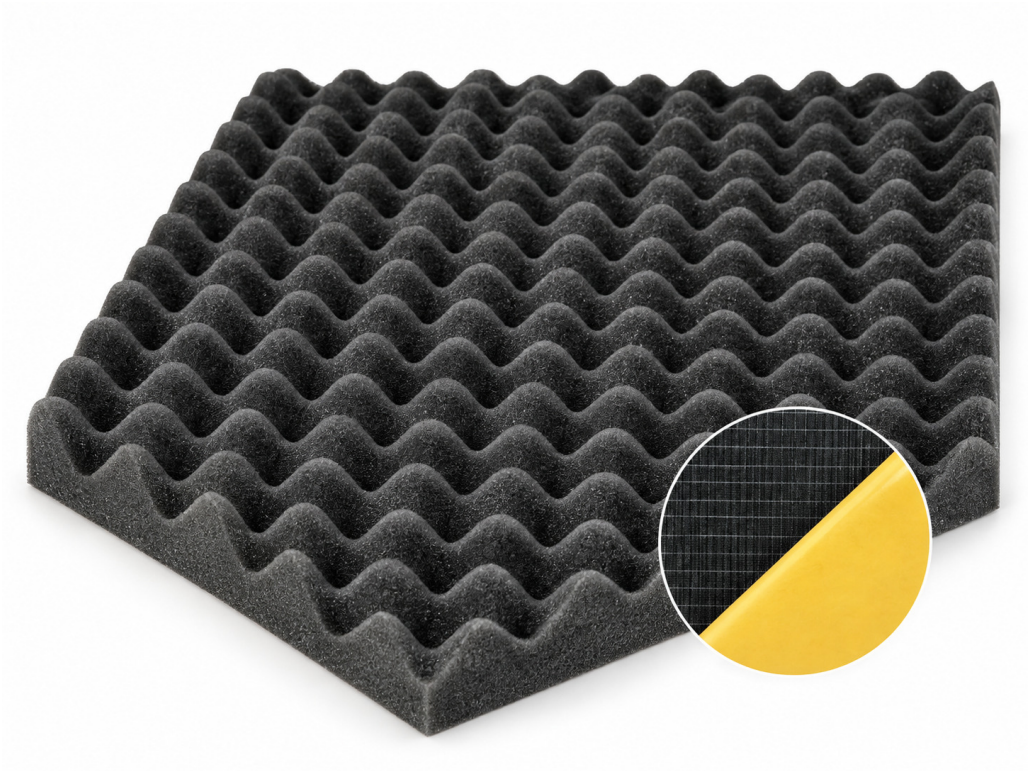
Project preparation

The intended use of the space, approximate dimensions, photographs of the installation surfaces and your colour or texture preferences will help us prepare a quotation.

Technical performance, fire classification and suitability for use are verified against the selected product’s current manufacturer documentation. The product name alone does not constitute a performance guarantee.

15 DNS Acoustic Foam





15 DNS Acoustic Foam is a foam product range named after its density grade and used to control sound reflections within a room. The DNS designation does not indicate a sound reduction rating or decibel value.

Vicoustic Foam



Overview

The Vicoustic Foam range covers the brand’s foam-based absorbing models. They are designed to improve listening, speaking and recording conditions by controlling internal reflections. Surface geometries, material structures and target frequency ranges may differ between models.

Technical specifications

Standard Sizes: 100 × 100 cm - 100 × 200 cm
Standard Grades: 15 DNS - 26 FR
Standard Thicknesses: 40 mm - 50 mm
Available in custom sizes, thicknesses and densities.

Selection and scope

Selection should be based on the brand’s absorption data, dimensions and installation instructions for the relevant model. Thickness, positioning and panel quantity depend on the room’s needs. Size and colour options depend on the manufacturer’s range. Proposed cuts or alternative fixing methods should be checked with the manufacturer; fire performance must be assessed separately for each model.

Absorption depends on frequency and thickness. Foam lining alone is not a wall system that prevents sound transmission to an adjacent room.

Vicoustic Foam



Applications

Suitable model selection supports control of early reflections, clearer sound detail and reduced room effects in recordings. It allows acoustic function and visual design to be considered together. It can complete the internal treatment of a sound-insulated room.

Benefits

Suitable model selection supports control of early reflections, clearer sound detail and reduced room effects in recordings. It allows acoustic function and visual design to be considered together. It can complete the internal treatment of a sound-insulated room.

Installation approach

Recommending a single product before confirming dimensions, surfaces and installation conditions may not achieve the intended result. Share your application and expectations with Zoon Akustik to explore suitable options.

Project preparation

The intended use of the space, approximate dimensions, photographs of the installation surfaces and your colour or texture preferences will help us prepare a quotation.

Technical performance, fire classification and suitability for use are verified against the selected product’s current manufacturer documentation. The product name alone does not constitute a performance guarantee.

Flat, Pyramid and Zigzag Foam



Overview

The Flat, Pyramid and Zigzag Foam range brings together sound-absorbing options with different surface profiles. Flat surfaces offer a simple appearance, while pyramid and zigzag profiles create different geometric arrangements. Their main purpose is to help reduce indoor sound reflections through their porous structure.

Technical specifications

Standard Sizes: 50 × 50 cm - 100 × 100 cm
Standard Grades: 15 DNS - 26 FR
Standard Thicknesses: 30 mm - 40 mm - 50 mm
Available in custom sizes, thicknesses and densities.

Selection and scope

Surface profile should be assessed with base thickness, overall thickness, density and absorption data. One shape should not be assumed to outperform another in every situation. Available dimensions, thicknesses and custom cuts depend on production options. Select a product suited to the intended use through technical data sheets and relevant test documents.

Absorption depends on frequency and thickness. Foam lining alone is not a wall system that prevents sound transmission to an adjacent room.

Flat, Pyramid and Zigzag Foam



Applications

Applications include music rooms, vocal and dubbing booths, broadcasting spaces, home studios and acoustic panels. Positioning should be planned according to the room’s use and sound source locations.

Benefits

It offers options suited to both acoustic needs and visual expectations. It helps reduce reflections, support speech clarity and achieve more controlled recordings. Used on the inner face of sound insulation systems, it can complement room acoustic treatment.

Installation approach

Recommending a single product before confirming dimensions, surfaces and installation conditions may not achieve the intended result. Share your application and expectations with Zoon Akustik to explore suitable options.

Project preparation

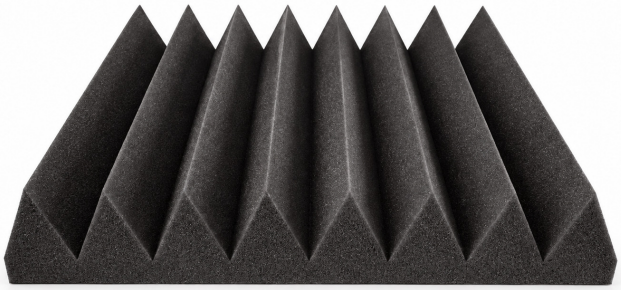
The intended use of the space, approximate dimensions, photographs of the installation surfaces and your colour or texture preferences will help us prepare a quotation.

Technical performance, fire classification and suitability for use are verified against the selected product’s current manufacturer documentation. The product name alone does not constitute a performance guarantee.

Flat, Pyramid and Zigzag Foam







The Flat, Pyramid and Zigzag Foam range brings together sound-absorbing options with different surface profiles. Flat surfaces offer a simple appearance, while pyramid and zigzag profiles create different geometric arrangements.

Bass Trap



Overview

Bass Traps are absorbers that help control low-frequency problems, which can be particularly noticeable in room corners. Foam-based models with suitable thickness and volume can reduce excessive bass build-up and prolonged decay within certain frequency ranges. Their effective frequency range depends on dimensions, construction and positioning.

Technical specifications

Standard Sizes: 25 × 25 × 70 cm - 30 × 30 × 60 cm
Standard Grades: 15 DNS - 26 FR
Available in custom sizes and densities.

Selection and scope

Product depth, cross-section, material structure and measured absorption values should be assessed together. Room dimensions, speaker positions and listening location also affect selection. Sizes and cuts vary by model. Foam corner absorbers alone may not resolve very low-frequency problems, so other bass control solutions should be considered according to measurements.

Bass Trap



Applications

It can be used in recording and control rooms, home studios, home cinemas, music listening spaces and instrument rooms. Placement is usually planned with particular attention to wall corners and wall-to-ceiling junctions.

Benefits

It helps achieve a more balanced bass response and reduce booming and excessive decay. It supports clearer recognition of low-frequency detail when listening to music or evaluating recordings. It improves bass control within the room; it does not replace the structural sound insulation required to reduce bass transmission to neighbouring spaces.

Bass Trap



Bass Traps are absorbers that help control low-frequency problems, which can be particularly noticeable in room corners. Foam-based models with suitable thickness and volume can reduce excessive bass build-up and prolonged decay within certain frequency ranges.

Bass Cube



Overview

A Bass Cube is a sound-absorbing acoustic element whose substantial cube form can be used in corners or bass control arrangements. Its foam construction and physical dimensions determine its effective frequency range. It can be combined with corner absorbers or used as individual elements according to the project’s needs.

Technical specifications

Standard Sizes: 25 × 25 × 25 cm - 30 × 30 × 30 cm
Standard Grades: 15 DNS - 26 FR
Available in custom sizes and densities.

Bass Cube



Selection and scope

Cube dimensions, cell structure, density and absorption data should be examined together. Positioning is determined by bass build-up areas and existing acoustic treatment. Different sizes may be available, with the understanding that changing dimensions can also change performance. Technical properties and fire performance should be checked in the selected product’s documentation.

Applications

Applications include home studios, music listening rooms, control rooms, home cinemas and instrument practice spaces. Use in corners and junctions should be planned according to room measurements or acoustic assessment.

Benefits

Suitable dimensions and positioning can help reduce certain low-frequency problems and create a more balanced listening environment. Combined with other absorbers, it supports a coherent acoustic treatment. It can help control internal reflections in sound-insulated rooms.

Rebonded Foam



Overview

Rebonded Foam is a flexible material made from polyurethane foam offcuts, used in sound insulation and a range of filling applications. Our products contain no textile waste or nylon fillers. With a polyurethane-based composition focused on material quality, Rebonded Foam serves uses ranging from building applications and impact mats to animal bedding and play areas. Product options supplied with technical documentation are selected for their intended purpose.

Technical specifications

Standard Sizes: 100 × 100 cm - 100 × 200 cm
Standard Densities: 120 kg/m³ - 150 kg/m³ - 180 kg/m³
Standard Thicknesses: 10 mm - 20 mm - 30 mm - 40 mm - 50 mm
Available in custom sizes, thicknesses and densities.

Rebonded Foam



Selection and scope

When selecting Rebonded Foam, assess the application area, intended sound control, loading and required flexibility together. Thickness, density and size can vary by use. Insulation projects require compatibility with other construction layers; cushions and bedding require consideration of compression, support and coverings. Different dimensions and cuts may be available. Selection should be based on the relevant technical data sheet and documentation covering the intended use.

The terms Rebonded, Bondex and Sungerpan may overlap in the market. They should not be assumed to have identical densities or performance; compare the model data sheets separately.

Applications

It can be used with suitable detailing in wall, ceiling and floor sound insulation systems. It can also serve as filling inside covered products such as impact mats, protective padding, animal bedding and play area components. Where impact protection, hygiene or outdoor durability is required, the properties of the covering and supporting system must be considered alongside the foam.

Rebonded Foam



Benefits

Its flexible structure helps cushion impacts and create supportive padding in suitable applications. Within sound insulation systems, it can support sound control depending on the system design. A range of thicknesses and densities allows the material to meet varying project needs. Its composition without textile waste or nylon fillers represents a clear material quality choice.

Installation approach

Recommending a single product before confirming dimensions, surfaces and installation conditions may not achieve the intended result. Share your application and expectations with Zoon Akustik to explore suitable options.

Project preparation

The intended use of the space, approximate dimensions, photographs of the installation surfaces and your colour or texture preferences will help us prepare a quotation.

Technical performance, fire classification and suitability for use are verified against the selected product’s current manufacturer documentation. The product name alone does not constitute a performance guarantee.

Rebonded Foam





Rebonded Foam is a flexible material made from polyurethane foam offcuts, used in sound insulation and a range of filling applications. Our products contain no textile waste or nylon fillers.

Bondex Foam



Overview

Bondex Foam is an insulation material made from polyurethane foam offcuts, used particularly for sound control in buildings. Our products contain no textile waste or nylon fillers, retaining a polyurethane foam-based composition. Used with suitable layers in walls, ceilings and floors, Bondex Foam is a complementary component of systems designed to reduce sound transmission between spaces. Performance is assessed through the selected specifications and the complete installation.

Technical specifications

Standard Sizes: 100 × 100 cm - 100 × 200 cm
Standard Densities: 120 kg/m³ - 150 kg/m³ - 180 kg/m³
Standard Thicknesses: 10 mm - 20 mm - 30 mm - 40 mm - 50 mm
Available in custom sizes, thicknesses and densities.

Bondex Foam



Selection and scope

When selecting Bondex Foam, consider the sound source, installation surface and layers of the proposed insulation system together. Thickness and density should be determined by the project rather than kept the same for every application. Behaviour under load is important for floors; fixing methods and compatibility with other materials are important for walls and ceilings. Different sizes and cutting options allow solutions to be tailored to the project. For documented products, the technical data must match the model and installation conditions.

Applications

It can be used in wall, ceiling and floor sound insulation for homes, offices, studios and similar spaces. It may also serve as filling in covered impact mats, animal bedding and play area products. Acoustic performance, load-bearing behaviour, flexibility and surface protection requirements must be assessed separately for each use.

Benefits

It can contribute to sound and vibration control within correctly designed multilayer systems. Selecting thickness and density to suit construction details supports a balanced solution for the installation. Its flexibility also makes it suitable for cushioning and filling applications beyond insulation. The absence of textile waste and nylon links material selection with quality expectations.

Bondex Foam





Bondex Foam is an insulation material made from polyurethane foam offcuts, used particularly for sound control in buildings. Our products contain no textile waste or nylon fillers, retaining a polyurethane foam-based composition.

Sungerpan Rebonded Foam



Overview

Sungerpan is made by bonding polyurethane foam offcuts and can be adapted to insulation and filling applications. Our products contain no textile waste or nylon fillers. Different sizes and thicknesses suit both construction projects and specialist product manufacturing. Documented Sungerpan options, offered with an emphasis on material quality and suitability, are selected according to the technical requirements of each use.

Technical specifications

Standard Sizes: 100 × 100 cm - 100 × 200 cm
Standard Densities: 120 kg/m³ - 150 kg/m³ - 180 kg/m³
Standard Thicknesses: 10 mm - 20 mm - 30 mm - 40 mm - 50 mm
Available in custom sizes, thicknesses and densities.

Selection and scope

When selecting Sungerpan, first establish whether it is intended for insulation, support or impact cushioning. Required flexibility, loading, covering and location affect thickness, density and size. Custom dimensions and cuts may be available. Impact performance matters for play areas and crash mats; comfort, moisture protection and cleanable coverings matter for animal bedding. Suitability should be assessed alongside the selected product’s technical documents.

Sungerpan Rebonded Foam



Applications

It can be used in building insulation, impact mats, protective padding, animal bedding and play area products. It may also suit custom cushions and supports. To ensure the finished product suits its use, Sungerpan, outer coverings, joint details and any supporting structure should be designed together.

Benefits

Adaptability to different sizes makes Sungerpan suitable for a variety of manufacturing and installation requirements. By forming a flexible filling layer, it can help cushion contact and impact in suitable systems. Used with other layers in sound insulation applications, it can support the system’s sound control objectives. Its polyurethane-based structure, without textile waste or nylon filler, offers a quality-focused material with a defined composition.

Sungerpan Rebonded Foam





Sungerpan is made by bonding polyurethane foam offcuts and can be adapted to insulation and filling applications. Our products contain no textile waste or nylon fillers.

Barrier-Backed Rebonded Foam



Overview

Barrier Rebonded Foam is a composite sound insulation material formed by placing a heavy sound barrier between absorbing layers made from polyurethane foam offcuts. The heavy barrier helps reduce sound transmission between spaces, while the foam layers support absorption within the system. Combining these functions creates an integrated product that can be used in a range of installation arrangements, especially in areas with high sound levels. Results depend on the product properties, existing construction and installation details.

Technical specifications

Standard Sizes: 100 × 100 cm
Standard Densities: 120 kg/m³ - 150 kg/m³
Standard Thicknesses: 13 mm - 23 mm - 33 mm - 43 mm - 53 mm
Available with a barrier on one face or between the layers.

Barrier-Backed Rebonded Foam



Selection and scope

Selection considers source type, sound level, mounting surface and insulation needs. The heavy barrier's thickness and mass per unit area matter alongside foam thickness and density. Different layer arrangements may suit walls, ceilings and floors; dimensions and cuts can follow project measurements. Consider continuous joints, sealed edges and sound transmission through surrounding elements. Selection should use product documentation and, where available, test data for the proposed system.

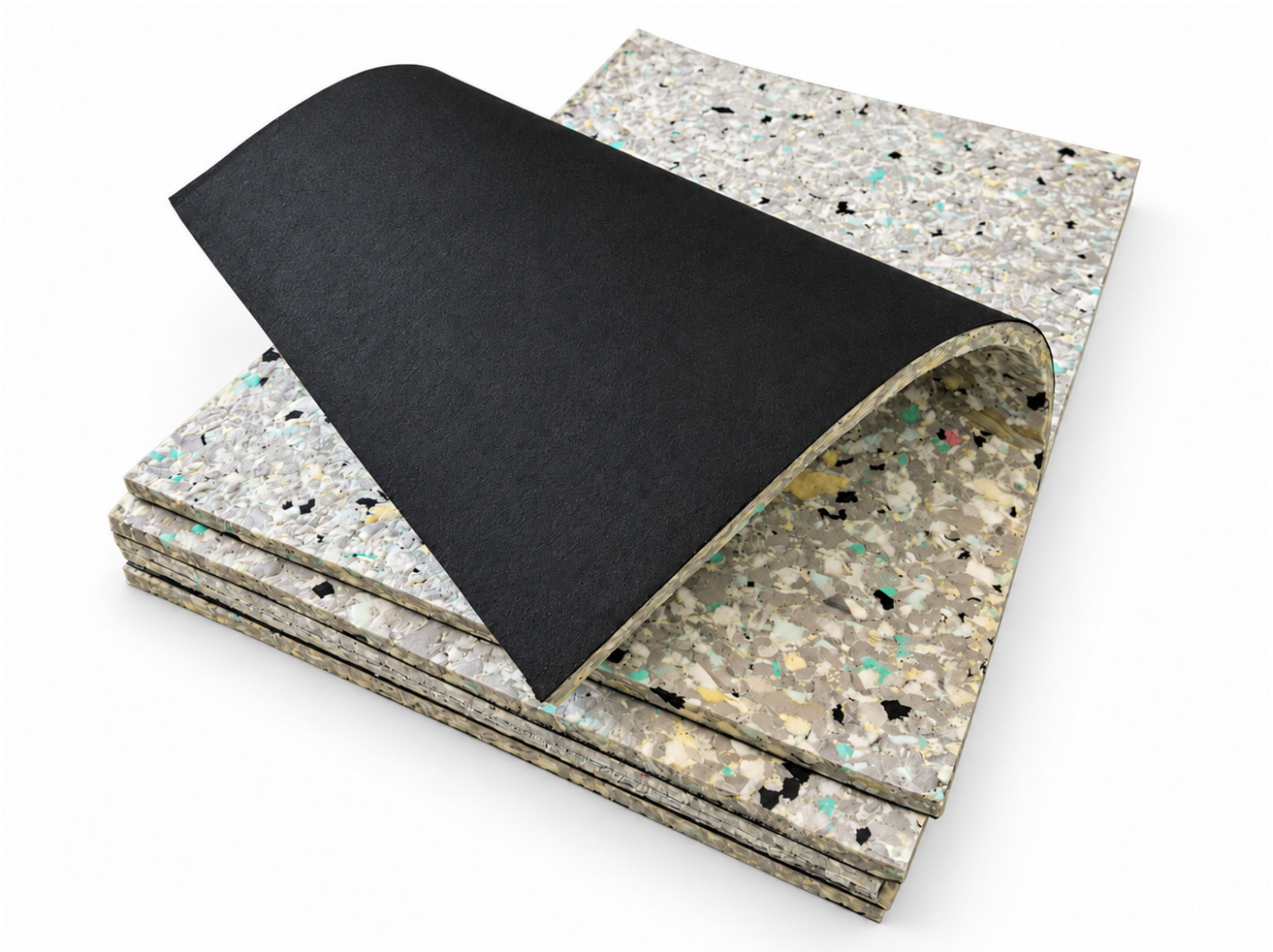
Selection and scope

Barrier type and mass per unit area vary by model. Sound insulation is assessed for the complete building system, not inferred from a material name.

Applications

It can be used within suitable wall, ceiling or floor systems in party walls, homes, schools, music and rehearsal rooms, recording studios, nightclubs and entertainment venues. It may also be considered for plant areas and equipment enclosures with details suited to the sound source. Compression under load in floors and fixings suited to product weight in ceilings require particular attention.

Barrier-Backed Rebonded Foam



Benefits

It combines absorption and reduced sound transmission within one product. In correctly designed systems, it can help reduce unwanted sound reaching neighbouring spaces and create more comfortable conditions. Supplying the layers together simplifies placement planning. Different thicknesses and barrier options allow the solution to be tailored to the project.

Installation approach

Recommending a single product before confirming dimensions, surfaces and installation conditions may not achieve the intended result. Share your application and expectations with Zoon Akustik to explore suitable options.

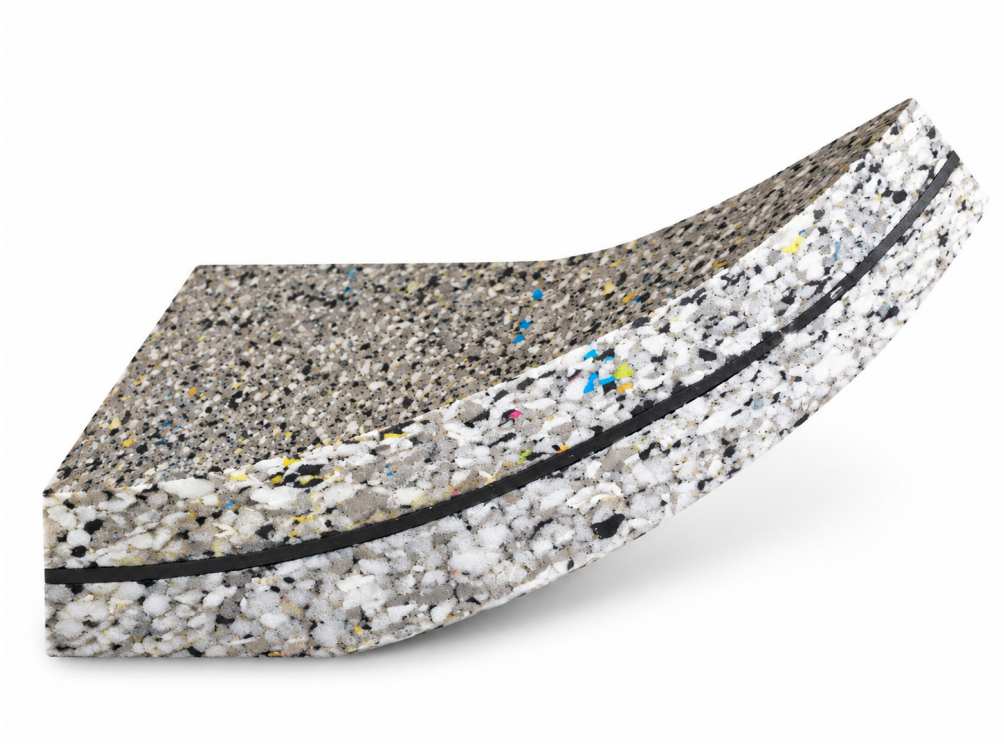
Project preparation

The intended use of the space, approximate dimensions, photographs of the installation surfaces and your colour or texture preferences will help us prepare a quotation.

Technical performance, fire classification and suitability for use are verified against the selected product’s current manufacturer documentation. The product name alone does not constitute a performance guarantee.

Barrier-Backed Rebonded Foam





Barrier Rebonded Foam is a composite sound insulation material formed by placing a heavy sound barrier between absorbing layers made from polyurethane foam offcuts. The heavy barrier helps reduce sound transmission between spaces, while the foam layers support absorption within the system.

Barrier-Backed Bondex Foam



Overview

Barrier Bondex Foam is a multilayer insulation material used to reduce the spread of high sound levels into surrounding living and working spaces. Bondex layers made from polyurethane foam offcuts work together with a heavy sound barrier between them. The foam contributes to sound energy absorption, while the heavy barrier adds resistance to sound transmission. Sound absorption and barrier functions are thus combined in a single product.

Technical specifications

Standard Sizes: 100 × 100 cm
Standard Densities: 120 kg/m³ - 150 kg/m³
Standard Thicknesses: 13 mm - 23 mm - 33 mm - 43 mm - 53 mm
Available with a barrier on one face or between the layers.

Selection and scope

Barrier Bondex Foam should not be selected on thickness alone. The existing wall or floor construction, whether the noise comes from speech, music or machinery, and the space available for installation should be assessed together. Foam density, layer thicknesses and barrier mass per unit area are selected accordingly. Particularly where bass sound and structural vibration are present, the product should be considered with suitable linings, supporting frames and, where necessary, vibration isolation components. Technical properties and suitability must be checked against the documentation for the selected model.

Barrier-Backed Bondex Foam



Selection and scope

Barrier type and mass per unit area vary by model. Sound insulation is assessed for the complete building system, not inferred from a material name.

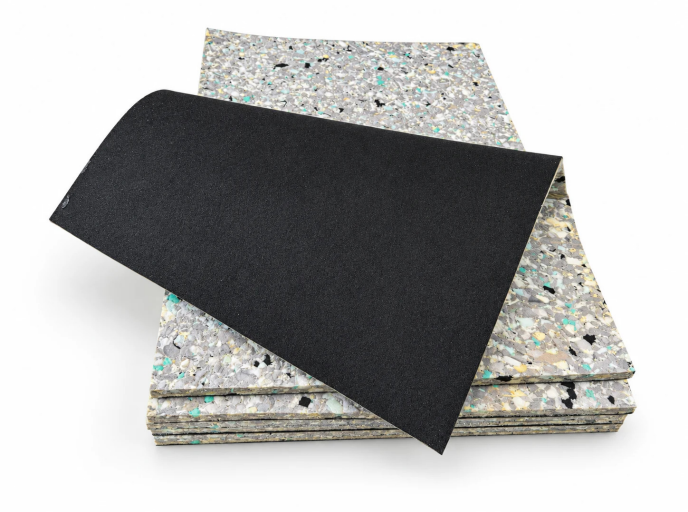
Applications

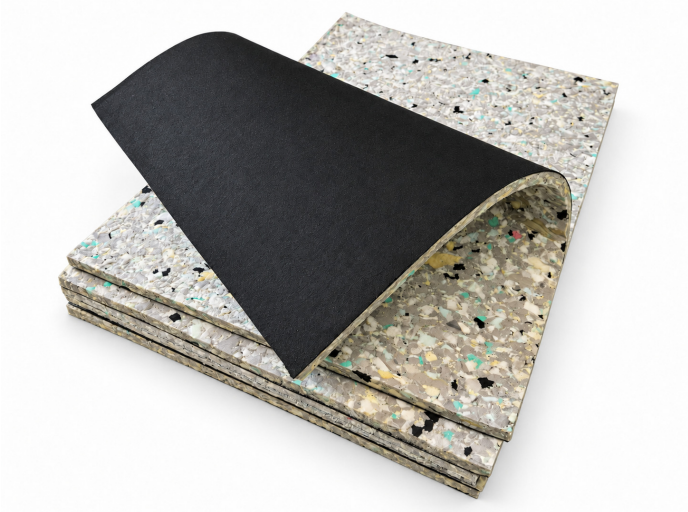
It can be used on party walls between apartments, in schools and training centres, meeting areas, music rooms, nightclubs and surfaces adjoining neighbouring premises. It can also form part of insulation systems in mechanical plant rooms and around machinery. Wall, ceiling and floor installation methods must suit the surface construction, loading conditions and project fire requirements.

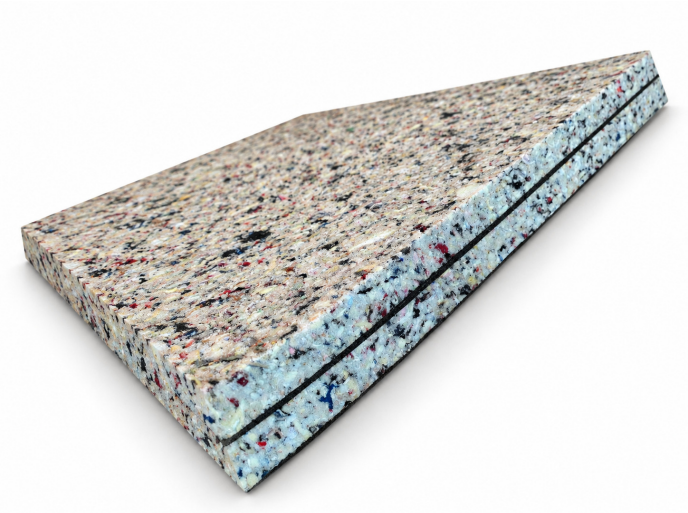
Benefits

With appropriate system design, it helps reduce sound transmission between spaces. It can support privacy at party walls and calmer conditions in learning and working environments. Combining absorbing foam and a heavy barrier addresses different sound control needs within one layered structure. Correct detailing helps make effective use of the product’s potential contribution.

Barrier-Backed Bondex Foam









Barrier Bondex Foam is a multilayer insulation material used to reduce the spread of high sound levels into surrounding living and working spaces. Bondex layers made from polyurethane foam offcuts work together with a heavy sound barrier between them.

Barrier Composite Sungerpan Foam



Overview

Barrier Sungerpan is a sound insulation product combining foam layers made from polyurethane offcuts with a heavy sound barrier between them. The absorption of the foam layers complements the barrier's sound transmission reduction function. This combined structure can be installed in different ways according to the surface and project in spaces with intensive noise. It is considered a component of sound insulation systems designed for high performance; the final result depends on all construction layers working together.

Technical specifications

Standard Sizes: 100 × 100 cm
Standard Densities: 120 kg/m³ - 150 kg/m³
Standard Thicknesses: 13 mm - 23 mm - 33 mm - 43 mm - 53 mm
Available with a barrier on one face or between the layers.

Selection and scope

Before installation, identify the surfaces and junctions transmitting sound and position the material within a suitable system. Foam thickness and density, barrier properties, sheet dimensions and facing layers are selected together. Project-specific sizes and cuts can be prepared. Leakage points such as doors, windows, service penetrations and surface junctions must also be addressed. Technical data must match the selected model and layer arrangement.

Barrier Composite Sungerpan Foam



Selection and scope

Barrier type and mass per unit area vary by model. Sound insulation is assessed for the complete building system, not inferred from a material name.

Applications

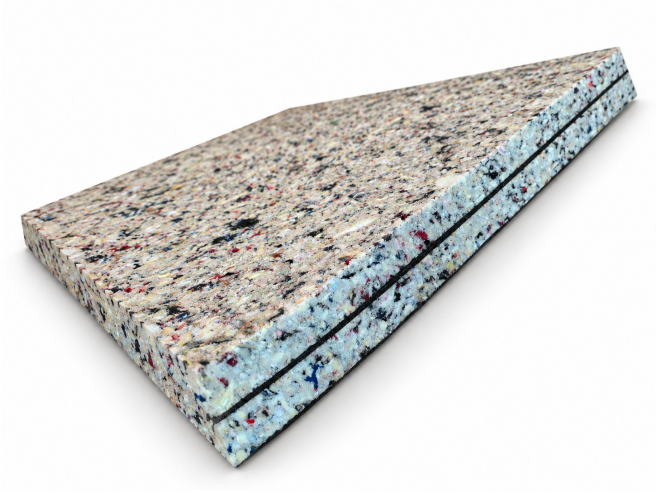
It can be used on party walls in homes and workplaces, in schools, studios, rehearsal spaces, nightclubs and other noisy commercial premises. It may be considered around mechanical plant areas, inside suitable equipment enclosures, and beneath wall, ceiling or floor finishes as the project requires. Installation safety, behaviour under load, environmental conditions and relevant technical requirements must be assessed together in each application.

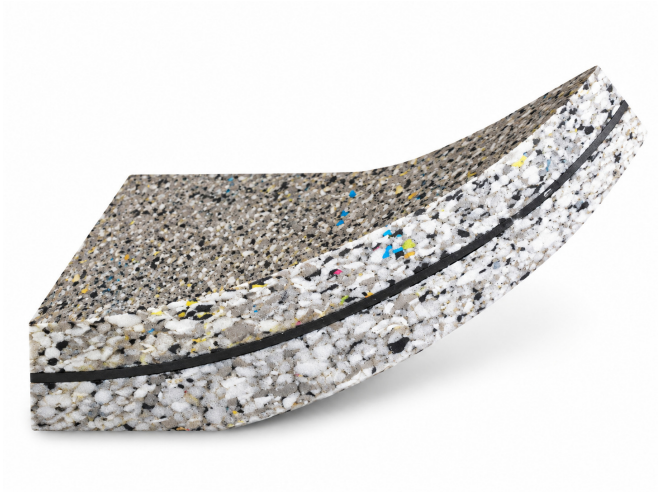
Benefits

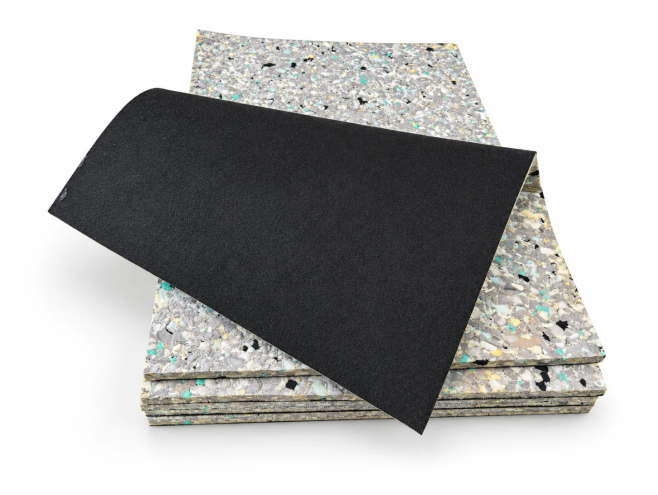
By combining absorbing and sound transmission limiting layers in one product, it simplifies installation planning. Correct positioning can help reduce the effect of high sound levels on surrounding spaces. Different dimensions and thicknesses help accommodate space constraints in existing buildings and details in new projects. Within a complete system, it supports acoustic comfort in living, working and learning spaces.

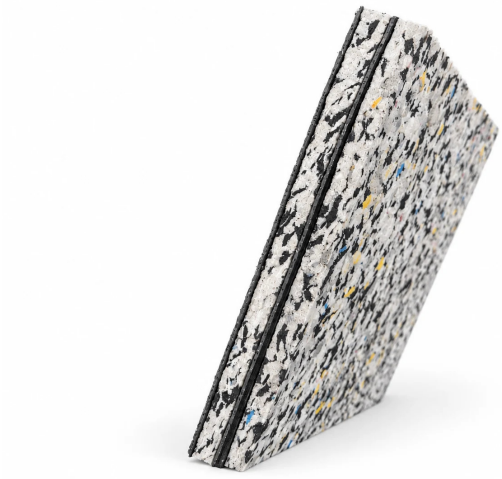
Barrier Composite Sungerpan Foam











Barrier Sungerpan is a sound insulation product combining foam layers made from polyurethane offcuts with a heavy sound barrier between them. The absorption of the foam layers complements the barrier’s sound transmission reduction function.

Acoustic Foam-Faced Barrier Composite Sungerpan



Overview

Acoustic Foam-Faced Barrier Sungerpan is a composite sound control product combining a sound-absorbing acoustic foam face, a heavy sound barrier and a Sungerpan layer made from polyurethane foam offcuts. It is particularly suited to studios, mechanical plant areas and projects where installation on suitable surfaces without a supporting frame is planned. The acoustic foam facing the room helps reduce reverberation and repeated reflections, while the heavy sound barrier adds resistance to sound transmission. The Sungerpan layer supports sound absorption within the system. Together, the three layers contribute to both acoustic treatment and sound insulation.

Technical specifications

Standard Sizes: 100 × 100 cm
Standard Sungerpan Densities: 120 kg/m³ - 150 kg/m³
Standard Acoustic Foam Densities: 50 kg/m³ - 70 kg/m³
Standard Thicknesses: 43 mm - 53 mm - 63 mm - 73 mm - 83 mm
Manufactured with a barrier between the layers.

Acoustic Foam-Faced Barrier Composite Sungerpan



Selection and scope

Selection should reflect the source, room purpose, existing substrate and target sound control. Assess the acoustic foam’s profile, thickness and density together with barrier mass per unit area and the Sungerpan layer’s properties. Different sizes and cuts can be adapted to the project where available. Direct fixing requires surface preparation, suitable bonding or fixings and continuous joints. Avoid arbitrary coverings that compromise the acoustic face’s absorption. Fire performance must be assessed from the relevant product documents, including facing and installation conditions, rather than from the surface foam alone.

Selection and scope

Contact us to confirm dimensions, thickness, density and sound barrier options.

Acoustic Foam-Faced Barrier Composite Sungerpan



Applications

It can be used in recording studios, vocal and dubbing spaces, rehearsal rooms, broadcasting facilities and acoustic booths. In plant rooms and suitable equipment enclosures, it can support control of both internal reflections and externally transmitted sound. In existing buildings where frames are not preferred, it can offer solutions for suitable walls and ceilings. Ceiling fixings must suit the product weight; plant areas require compatibility with heat, humidity, oil and maintenance conditions.

Benefits

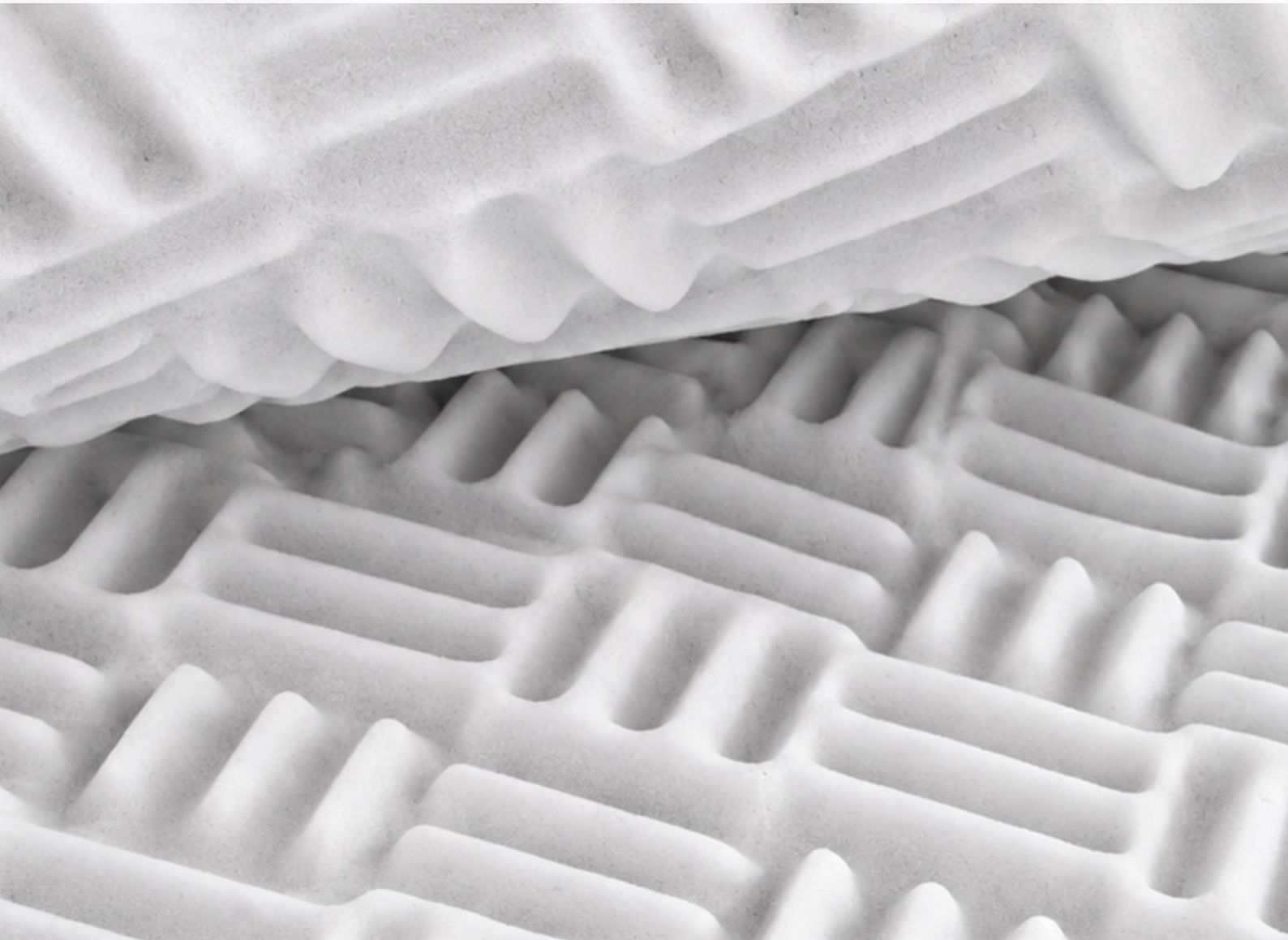
It combines acoustic treatment and sound transmission reduction within a single product. The exposed acoustic face helps reduce reverberation and supports a more balanced listening, recording or working environment. The barrier and Sungerpan layers can contribute to sound insulation when installed with appropriate detailing. In projects suitable for direct fixing, it can simplify installation by reducing the need for a separate supporting frame. The resulting insulation must be assessed alongside the properties of the existing wall or ceiling and other sound transmission paths.

Acoustic Foam-Faced Barrier Composite Sungerpan



Acoustic Foam-Faced Barrier Sungerpan is a composite sound control product combining a sound-absorbing acoustic foam face, a heavy sound barrier and a Sungerpan layer made from polyurethane foam offcuts. It is particularly suited to studios, mechanical plant areas and projects where installation on suitable surfaces without a supporting frame is planned.

Basotect Melamine Foam



Overview

Basotect Melamine Foam is a very lightweight, open-cell acoustic material based on melamine resin. By absorbing part of the sound energy reaching its porous structure, it helps reduce echo and reverberation indoors. It is used for acoustic treatment, particularly at medium and high frequencies, and also contributes to thermal insulation. Different surface profiles, thicknesses and dimensions allow it to suit architectural and technical applications.

Technical specifications

Standard Sizes: 125 × 125 cm - 125 × 250 cm
Standard Thicknesses: 10 mm - 20 mm - 30 mm - 40 mm - 50 mm

Selection and scope

Selection considers room size, purpose, sound characteristics and mounting surfaces together. Foam thickness, product type, coverage and fixing method are determined by need. Density, fire classification and temperature resistance should be checked in the selected product’s documents. Where reduced transmission between rooms is required, it should be considered as part of a suitable wall or ceiling system.

Basotect Melamine Foam



Applications

It can be used in offices, meeting rooms, call centres, educational spaces, restaurants, recording studios and home cinemas. With suitable products and fixing systems, it may also be used in industrial areas, machinery enclosures and plant rooms. Temperature, humidity and fire performance requirements should inform product selection.

Benefits

It helps improve speech intelligibility, reduce overlapping sound and create a balanced listening environment. Its low weight limits additional loading on wall and ceiling supports. The flame resistance associated with melamine resin and its adaptability to different shapes help meet technical and architectural requirements together.

Basotect Melamine Foam







Basotect Melamine Foam is a very lightweight, open-cell acoustic material based on melamine resin. By absorbing part of the sound energy reaching its porous structure, it helps reduce echo and reverberation indoors.

Egg-Crate Basotect



Overview

Egg-Crate Basotect is made by shaping melamine foam into rounded peaks and hollows. Its open-cell structure absorbs part of the sound reflected from hard surfaces, helping control reverberation. Its profiled appearance suits spaces where acoustic treatment is intended to be a visible design feature.

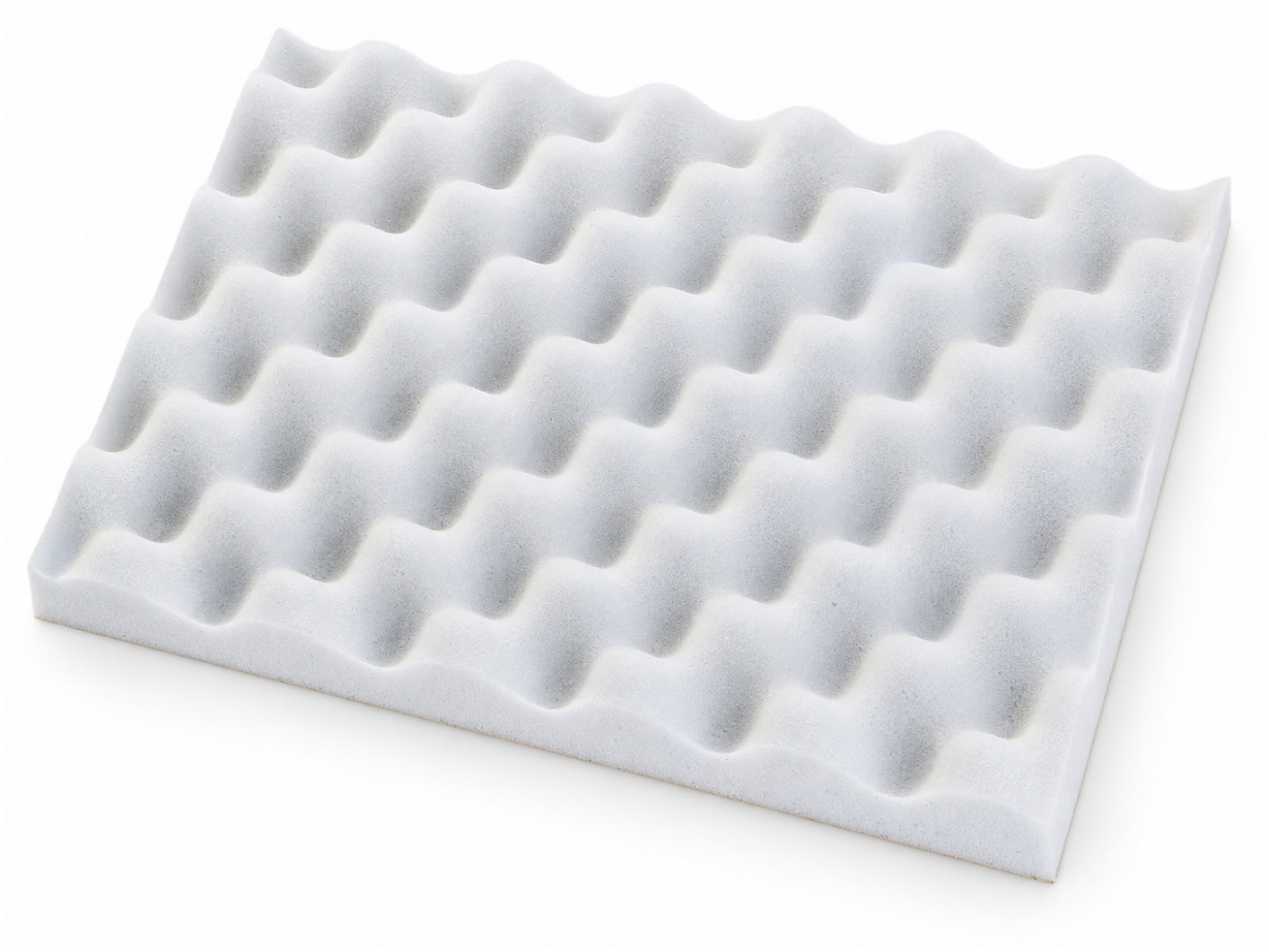
Technical specifications

Standard Sizes: 125 × 125 cm - 125 × 250 cm
Standard Thicknesses: 30 mm - 40 mm - 50 mm

Selection and scope

Selection considers foam base thickness as well as profile height. Products with the same overall height can differ in material quantity and absorption performance. Technical data, coverage and layout therefore matter alongside surface shape. Dimensions and cutting patterns can be planned to suit the wall or ceiling.

Egg-Crate Basotect



Selection and scope

Facings, adhesives and installation methods can affect the final performance; ratings must be taken from the selected product’s technical documentation.

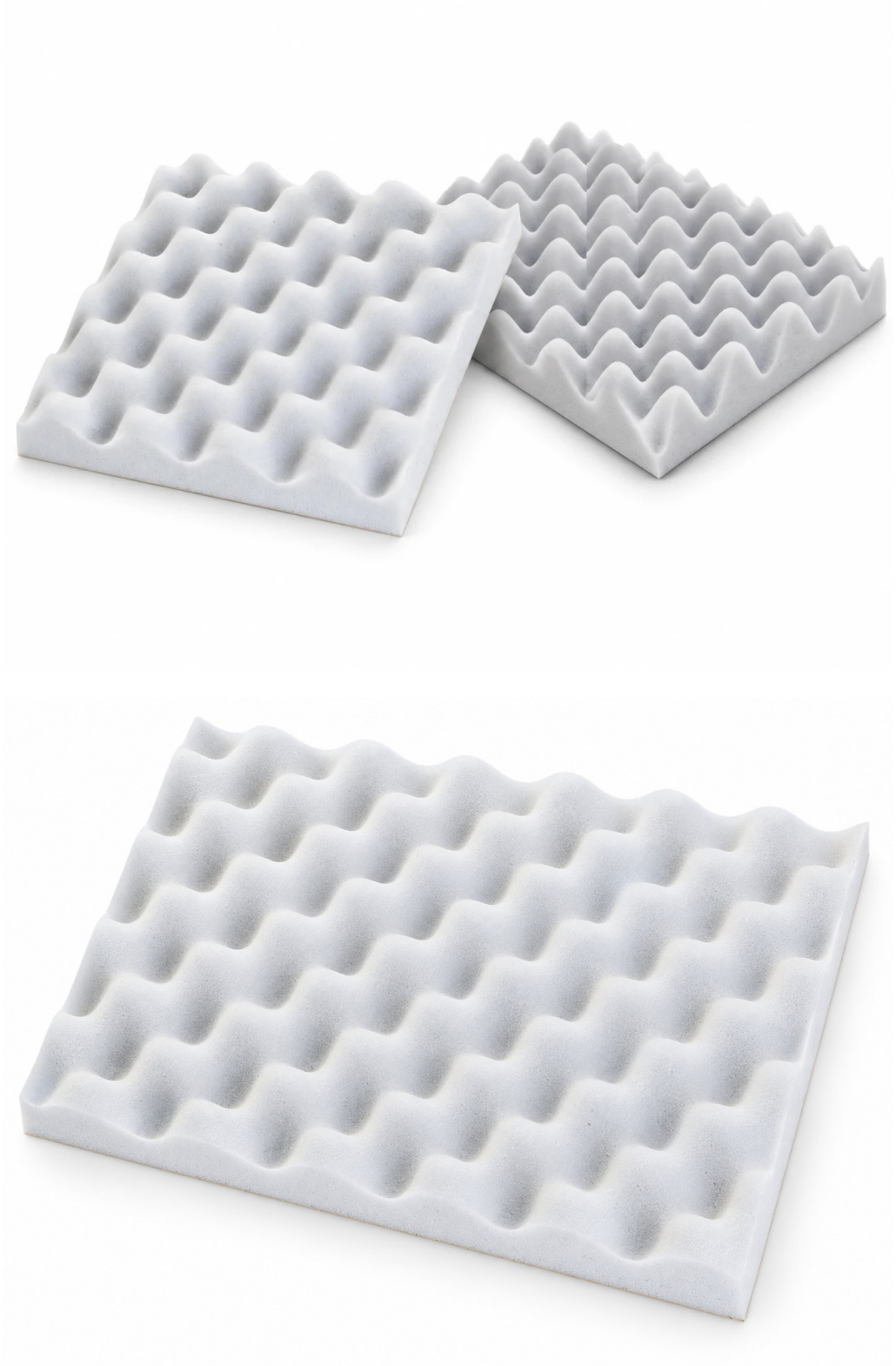
Applications

Applications include podcast and content production rooms, voice-over areas, small recording studios, studies and home cinemas. In meeting rooms or shared spaces dominated by speech, it can target wall and ceiling areas with strong reflections.

Benefits

It helps control speech and recording environments by reducing early reflections and distracting reverberation. Suitability for localised treatment allows measures to focus on the surfaces that need them. Appropriate thickness and positioning support acoustic comfort. It is not considered a standalone barrier preventing sound transmission between rooms.

Egg-Crate Basotect



Egg-Crate Basotect is made by shaping melamine foam into rounded peaks and hollows. Its open-cell structure absorbs part of the sound reflected from hard surfaces, helping control reverberation.

Pyramid Basotect



Overview

Pyramid Basotect is a sound absorber made by profiling melamine foam into pyramids. Its regular geometry creates a distinctive appearance, while its open-cell structure helps reduce room reflections. It is used for acoustic treatment in recording, speech and listening spaces.

Technical specifications

Standard Sizes: 125 × 125 cm - 125 × 250 cm
Standard Thicknesses: 40 mm - 50 mm

Selection and scope

Pyramid height, base thickness, absorption data and layout should be assessed together. Selection is not based solely on pyramid size; sound characteristics and existing room acoustics also matter. Low-frequency problems may require thicker treatment, appropriate air gaps or complementary solutions. Different dimensions and thicknesses may be available.

Pyramid Basotect



Selection and scope

Facings, adhesives and installation methods can affect the final performance; ratings must be taken from the selected product’s technical documentation.

Applications

It can be used in recording and dubbing rooms, music practice areas, broadcasting rooms, home studios and controlled listening spaces. It may also suit meeting, training and presentation areas where a profiled appearance is desired alongside acoustic performance.

Benefits

It helps reduce repeated reflections between hard surfaces. This supports control of room effects during recording and clearer perception of detail during listening. Its geometric surface allows regular panel arrangements. Installation area, thickness and positioning are as important as shape for effective results.

Wedge Basotect



Overview

Labyrinth Basotect is a melamine-based acoustic foam with channels and repeating geometric transitions on its surface. Its open-cell structure absorbs part of the sound reaching it and helps reduce room reverberation. The labyrinth profile brings a linear, dynamic appearance to acoustic installations.

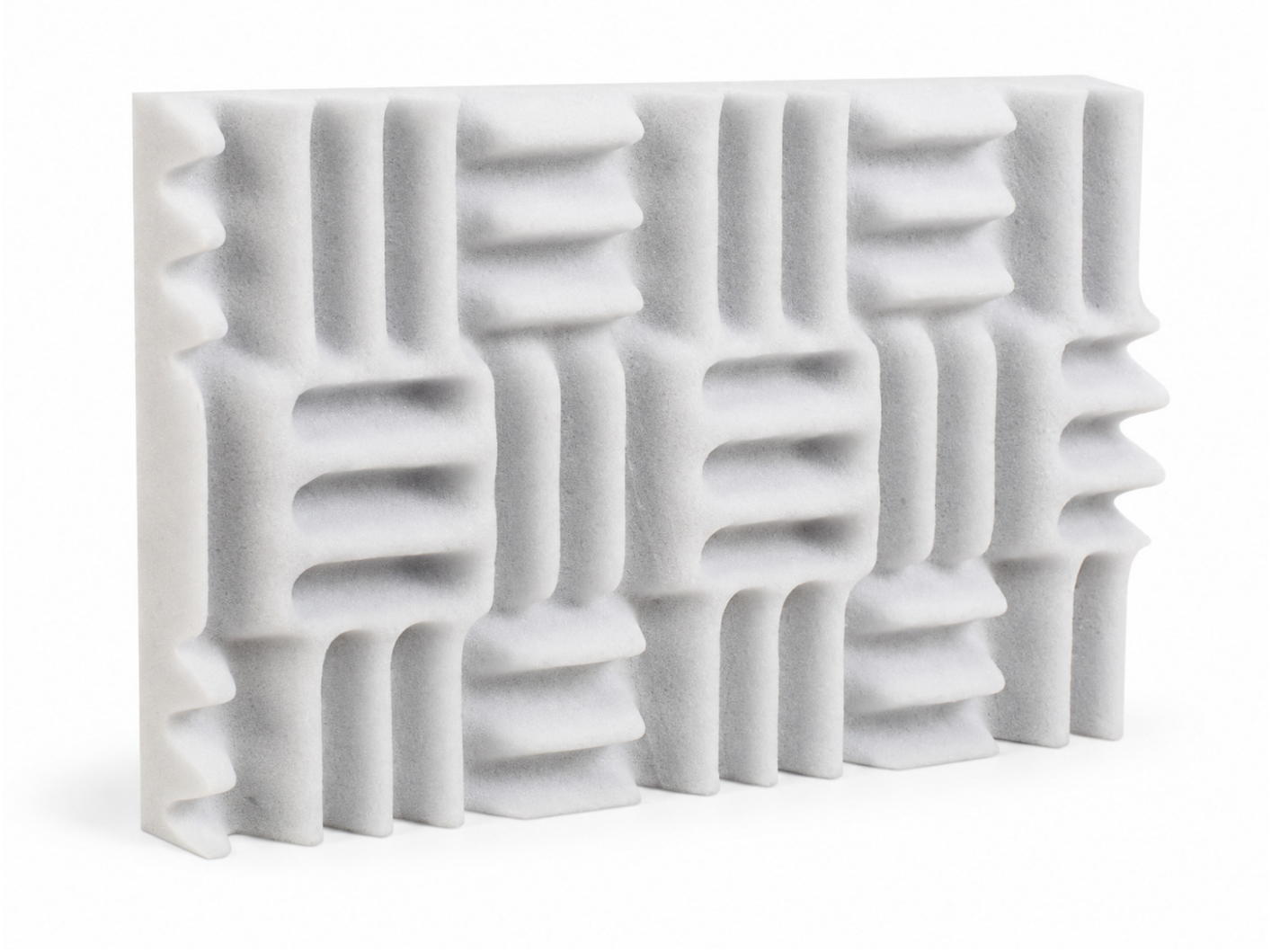
Technical specifications

Standard Sizes: 125 × 125 cm - 125 × 250 cm
Standard Thicknesses: 30 mm - 40 mm - 50 mm

Selection and scope

Channel depth, base thickness, product dimensions and the position of the installation surface are assessed together. Profile orientation affects appearance; acoustic performance depends on measured properties and installation conditions. Localised panels or wider surface coverage can be planned according to the room’s needs. Final selection is based on technical documentation and fixing conditions.

Wedge Basotect



Selection and scope

Facings, adhesives and installation methods can affect the final performance; ratings must be taken from the selected product’s technical documentation.

Applications

Applications include broadcasting and recording rooms, rehearsal spaces, meeting halls, educational spaces and home cinemas. It may also suit workplaces and social areas where exposed acoustic surfaces are intended to form part of the design.

Benefits

It helps achieve more controlled speech and music while reducing distracting reflections. A repeating design can be created on walls and ceilings. Targeting the areas that need treatment allows acoustic improvements to be planned around the room’s use. A channelled profile alone does not mean higher performance than other shapes.

Flat Basotect



Overview

Flat Basotect is melamine foam supplied as sheets without a profiled surface. Its simple appearance and even face suit architectural acoustic applications. Its absorbing structure contributes to reducing reflections from walls and ceilings. It can be used in exposed panels or within acoustic systems with suitable coverings.

Technical specifications

Standard Sizes: 125 × 125 cm - 125 × 250 cm
Standard Thicknesses: 10 mm - 20 mm - 30 mm - 40 mm - 50 mm

Selection and scope

Sheet thickness, dimensions, spacing and fixing method are determined by the room’s needs. When used with fabric or another covering, acoustic transparency should be assessed. Suspended panels require appropriate support and fixings, while directly bonded applications require compatible adhesive. Project-specific cuts allow different panel shapes and surface arrangements.

Flat Basotect



Selection and scope

Facings, adhesives and installation methods can affect the final performance; ratings must be taken from the selected product’s technical documentation.

It can be used in offices, meeting and conference rooms, restaurants, reception areas, educational spaces and coworking environments. It can serve as absorbing infill in fabric-covered acoustic panels, appropriately designed suspended ceiling elements and screens.

Benefits

Its simple design suits different interiors and creates a neat appearance across large surfaces. It makes acoustic panels easier to adapt to walls, ceilings or freestanding elements. Correct positioning supports speech intelligibility and helps reduce prolonged reverberation. The unprofiled surface is an advantage where a quieter visual design is preferred.

Flat Basotect





Flat Basotect is melamine foam supplied as sheets without a profiled surface. Its simple appearance and even face suit architectural acoustic applications.

Foil-Faced Basotect



Overview

Foil-Faced Basotect is a composite product with foil applied to one face of melamine foam. The core's sound absorption and contribution to thermal insulation are assessed together with the foil facing's functions. Facing type and product construction are selected according to the requirements of the technical environment.

Technical specifications

Standard Sizes: 125 × 125 cm - 125 × 250 cm
Standard Thicknesses: 10 mm - 20 mm - 30 mm - 40 mm - 50 mm

Selection and scope

Foam thickness, foil material, perforated or continuous construction, facing orientation and operating temperature should be assessed together. Foil can change sound access to the foam and absorption behaviour. Unfaced foam performance therefore cannot be assumed to apply directly to the faced product. Fire classification and temperature limits must be checked for the finished combination of foam, foil and adhesive.

Facings, adhesives and installation methods can affect the final performance; ratings must be taken from the selected product's technical documentation.

Foil-Faced Basotect



Applications

Technically suitable models can be used in vehicle and rail components, equipment enclosures and plant areas where sound and thermal control are considered together. Around machinery, selection accounts for temperature, vibration, humidity and maintenance.

Benefits

It combines a lightweight melamine core with surface properties required in technical applications. Suitable facing and fixing arrangements support sound and thermal control solutions. Protection or cleaning benefits depend on the selected facing; not every foil-faced product is resistant to water or oil.

Installation approach

Recommending a single product before confirming dimensions, surfaces and installation conditions may not achieve the intended result. Share your application and expectations with Zoon Akustik to explore suitable options.

Project preparation

The intended use of the space, approximate dimensions, photographs of the installation surfaces and your colour or texture preferences will help us prepare a quotation.

Technical performance, fire classification and suitability for use are verified against the selected product’s current manufacturer documentation. The product name alone does not constitute a performance guarantee.

Self-Adhesive Basotect



Overview

Self-Adhesive Basotect is a melamine foam product with an adhesive backing and protective release liner. Direct fixing to suitable surfaces simplifies acoustic installation. The exposed open-cell face helps reduce room reflections and reverberation. The adhesive serves a fixing function; it does not by itself provide an additional sound barrier.

Technical specifications

Standard Sizes: 125 × 125 cm - 125 × 250 cm
Standard Thicknesses: 10 mm - 20 mm - 30 mm - 40 mm - 50 mm

Selection and scope

Alongside foam thickness and dimensions, assess substrate type, strength, cleanliness, moisture and ambient temperature. The surface must be dry, dust-free and free of grease. Check adhesive service temperature, shelf life and installation instructions. Ceiling or specialised installations may require additional mechanical fixings as specified in the instructions.

Facings, adhesives and installation methods can affect the final performance; ratings must be taken from the selected product’s technical documentation.

Self-Adhesive Basotect



Applications

It can be used in studies, small recording areas, podcast rooms, meeting spaces and acoustic panels with suitable surfaces. Where technical properties and fixing conditions permit, it can also line equipment enclosures. Dusty, damp, loose or poorly adhering surfaces require appropriate preparation before installation.

Benefits

It reduces the need to prepare a separate adhesive, allowing more practical and orderly installation on suitable surfaces. Pieces cut to size can target confined areas and specific reflection points. Correct surface preparation and positioning facilitate acoustic improvement. Long-term adhesion depends on the compatibility of the surface and environmental conditions with the product.

Installation approach

Recommending a single product before confirming dimensions, surfaces and installation conditions may not achieve the intended result. Share your application and expectations with Zoon Akustik to explore suitable options.

Project preparation

The intended use of the space, approximate dimensions, photographs of the installation surfaces and your colour or texture preferences will help us prepare a quotation.

Technical performance, fire classification and suitability for use are verified against the selected product’s current manufacturer documentation. The product name alone does not constitute a performance guarantee.

Barrier-Backed Basotect Melamine Foam



Overview

Barrier composite Basotect melamine foam is a three-layer product with a heavy sound barrier sandwiched between two melamine foam layers. It is designed to combine sound absorption with reduced sound transmission. The open-cell foam surface helps reduce reflections, echo and reverberation, particularly at medium and high frequencies, while the heavy barrier layer resists sound transmission. These complementary layers can be used in acoustic treatment and sound insulation systems. Depending on the application and design preferences, the exposed foam face can have a flat, pyramid, labyrinth or egg-crate profile.

Technical specifications

Standard Sizes: 125 × 125 cm - 100 × 100 cm
Standard Thicknesses: 43 mm - 53 mm - 63 mm - 73 mm - 83 mm

Barrier-Backed Basotect Melamine Foam



Selection and scope

Selection considers source characteristics, room purpose, mounting surface and intended improvement. Melamine foam type, density and thickness, and barrier mass per unit area are determined by the application. Different dimensions and layer thicknesses allow adaptation to the project. Suitable surfaces permit direct fixing without a frame; wall and ceiling installations require adhesive and, where necessary, mechanical fixings suitable for the product weight. For specified projects, fire classification, operating temperature and acoustic performance are verified through valid reports for the finished product, including barrier and adhesive.

Selection and scope

Barrier type and mass per unit area vary by model. Sound insulation is assessed for the complete building system, not inferred from a material name.

Barrier-Backed Basotect Melamine Foam



Applications

Applications include plant rooms, machinery and equipment enclosures, generator and compressor areas, production facilities and technical spaces requiring noise control. It can also be considered for recording and dubbing studios, music practice rooms, broadcasting areas and acoustic booths. Direct fixing to existing walls or ceilings may be suitable where the surface and load-bearing conditions allow it. In high-noise environments, it should form part of a comprehensive insulation solution addressing doors, ventilation openings and structural junctions.

Benefits

Combining absorbing foam and a heavy sound barrier helps reduce sound build-up indoors and transmission outside. It supports a more balanced environment for speaking, recording and working. The low weight and contribution to thermal insulation of the melamine layers extend the product’s technical applications. Different surface profiles allow acoustic and visual needs to be considered together. Results depend on layer construction, coverage, continuous joints and other sound transmission paths within the building.

Barrier-Backed Acoustic Foam



Overview

Barrier composite acoustic foam combines sound-absorbing foam layers with a heavy sound barrier in a single sound control material. It is particularly suited to consideration in noisy mechanical areas and projects where documented products meeting a technical specification are required. The foam supports sound absorption and controls reflections within the system, while the heavy barrier helps reduce transmission into other spaces. Acoustic treatment and sound insulation functions are therefore combined in one product. The reaction-to-fire performance of models described as fire-resistant must be verified against their relevant test and classification documents.

Overview

The exposed foam face can be flat, pyramid, labyrinth or egg-crate shaped to suit the application and design preferences.

Barrier-Backed Acoustic Foam



Technical specifications

Standard Sizes: 100 × 100 cm
Standard Densities: 50 kg/m³ - 70 kg/m³ - 90 kg/m³
Standard Thicknesses: 33 mm - 43 mm - 53 mm - 63 mm - 73 mm - 83 mm
Available with a barrier on one face or between the layers.

Selection and scope

Selection considers source characteristics, mounting surface, environmental conditions and project specifications. Assess foam thickness, density and surface structure together with barrier thickness and mass per unit area. It can be applied without a frame on suitable substrates; compatible bonding is used on walls, while ceiling bonding is supported by suitable plugs and mechanical fixings. The arrangement must suit product weight and substrate properties. Adhesives and fixings must also comply with specifications and manufacturer instructions.

Barrier type and mass per unit area vary by model. Sound insulation is assessed for the complete building system, not inferred from a material name.

Barrier-Backed Acoustic Foam



Applications

It can be used in plant rooms, ventilation equipment areas, compressor rooms and suitable machinery enclosures. It may also be considered for walls and ceilings in studios, rehearsal rooms, acoustic booths and noisy workplaces. In projects with technical specifications, acoustic and fire performance documentation should be reviewed together with the proposed system. Suitability for heat, moisture, oil or intensive maintenance conditions must be checked separately.

Benefits

It provides an integrated solution by combining sound absorption and transmission-limiting layers. A suitable exposed acoustic face helps reduce reverberation and create a more controlled sound environment. Together with the existing construction and installation details, the heavy barrier can support reduced sound transmission to surrounding spaces. Projects suitable for direct fixing may need less separate supporting framework. Document-based selection matches material properties to project requirements.

Barrier-Backed Acoustic Foam





Barrier composite acoustic foam combines sound-absorbing foam layers with a heavy sound barrier in a single sound control material. It is particularly suited to consideration in noisy mechanical areas and projects where documented products meeting a technical specification are required.

Sound Barrier



Overview

A sound barrier is a dense, high-mass-per-unit-area insulation material used to reduce sound transmission between spaces or building elements. By adding mass to an assembly, it increases resistance to the transmission of airborne sound. Depending on the product, it may be manufactured from PVC, EPDM, other polymer blends or bitumen-based compounds. Roll, sheet, felt-faced and self-adhesive versions are available. When combined with foam or other absorptive materials, it helps bring sound absorption and reduced sound transmission together in a single system.

Technical specifications

Standard Sizes: 100 × 100 cm - 100 × 200 cm - 100 × 1000 cm
Standard Thicknesses: 2 mm - 3 mm - 4 mm - 5 mm
Available with a self-adhesive backing.

Selection and scope

Selection considers the sound source, mounting surface, existing construction and target insulation. Assess barrier mass per unit area, flexibility and tested performance rather than thickness or density alone. Felt-backed, plain or self-adhesive options are chosen for installation conditions. Fire classification, operating temperature and suitability must be checked in technical documents. Joints, edges and service penetrations must be gap-free, and fixings must support the product weight, particularly on ceilings.

Sound Barrier



Applications

It can be used on residential party walls and in plasterboard partitions and ceiling systems, hotels, offices, meeting rooms, educational buildings and healthcare facilities. It can form part of multilayer sound insulation systems in studios, music rooms, home cinemas and acoustic booths. Suitable product types may be selected for plant rooms, machinery enclosures, ventilation ducts and pipes. Floor applications require options with verified suitability for impact sound and loading conditions. Sound transmission through doors, openings and other building elements must also be considered.

Benefits

By helping reduce speech, music and equipment noise transmitted to neighbouring areas, it supports calmer spaces and privacy. Thin options allow existing wall and ceiling systems to be improved with a limited increase in thickness. Its flexibility accommodates different surfaces and details. Suitable viscoelastic types can also damp vibration-induced noise in metal surfaces. Where needed, vibration mounts and resilient separators are used alongside it to reduce machine vibration transmitted into the building.

Sound Barrier

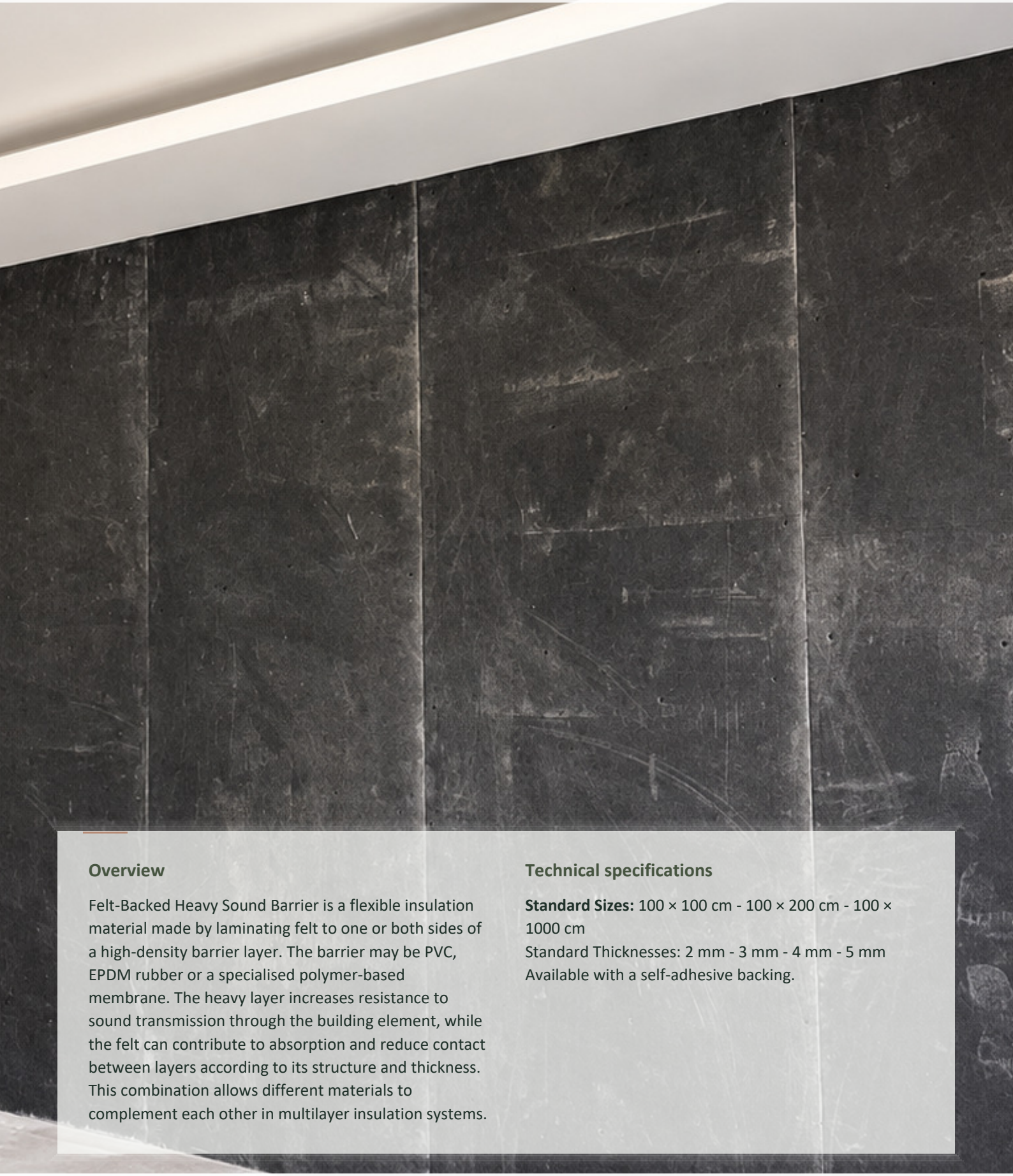






A sound barrier is a dense, high-mass-per-unit-area insulation material used to reduce sound transmission between spaces or building elements. By adding mass to an assembly, it increases resistance to the transmission of airborne sound.

Felt-Backed Heavy Sound Barrier



Overview

Felt-Backed Heavy Sound Barrier is a flexible insulation material made by laminating felt to one or both sides of a high-density barrier layer. The barrier may be PVC, EPDM rubber or a specialised polymer-based membrane. The heavy layer increases resistance to sound transmission through the building element, while the felt can contribute to absorption and reduce contact between layers according to its structure and thickness. This combination allows different materials to complement each other in multilayer insulation systems.

Technical specifications

Standard Sizes: 100 × 100 cm - 100 × 200 cm - 100 × 1000 cm
Standard Thicknesses: 2 mm - 3 mm - 4 mm - 5 mm
Available with a self-adhesive backing.

Felt-Backed Heavy Sound Barrier



Selection and scope

Selection considers sound source, frequency characteristics, existing wall or floor construction and target insulation together. Barrier mass per unit area, felt thickness and single- or double-sided facing are determined by the application. Barrier thickness and total thickness including felt must be checked separately. Roll or sheet products may also be available with self-adhesive backing. Acoustic performance and fire classification are assessed using documentation for the product and proposed system.

Joints and perimeter connections are designed for continuity. Absorption ratings such as NRC cannot substitute for a barrier’s sound transmission reduction rating.

Applications

Applications include residential party walls, partitions between hotel rooms, offices, educational buildings and meeting spaces. It can act as an additional insulation layer in suspended ceilings, wall linings, studios and cinema rooms. Models with suitable load behaviour and impact sound performance may also be used beneath screed or in floor systems. Suitability for environmental conditions must be checked separately for plant rooms and equipment areas.

Felt-Backed Heavy Sound Barrier



Benefits

It helps reduce speech, television, music and equipment noise reaching adjoining areas. Combining a heavy membrane with porous felt in one product simplifies insulation installation. Its flexibility helps accommodate corners and surface details. Correct positioning and continuous installation contribute to privacy and acoustic comfort in living and working spaces. The improvement achieved depends on the existing construction and installation details.

Installation approach

Recommending a single product before confirming dimensions, surfaces and installation conditions may not achieve the intended result. Share your application and expectations with Zoon Akustik to explore suitable options.

Project preparation

The intended use of the space, approximate dimensions, photographs of the installation surfaces and your colour or texture preferences will help us prepare a quotation.

Technical performance, fire classification and suitability for use are verified against the selected product's current manufacturer documentation. The product name alone does not constitute a performance guarantee.

Felt-Backed Heavy Sound Barrier





Felt-Backed Heavy Sound Barrier is a flexible insulation material made by laminating felt to one or both sides of a high-density barrier layer. The barrier may be PVC, EPDM rubber or a specialised polymer-based membrane.

EPDM Heavy Sound Barrier



Overview

EPDM Heavy Sound Barrier is a flexible sound insulation membrane made by combining EPDM rubber-based compounds with fillers that provide high mass per unit area. By adding mass to the assembly, it helps reduce airborne sound transmission through building elements. Suitably formulated viscoelastic versions can also help damp energy in vibrating surfaces. It can be used as a standalone barrier layer or combined with Bondex, polyurethane foam, melamine foam or felt to create multilayer insulation products.

Technical specifications

Standard Sizes: 100 × 100 cm - 100 × 200 cm - 100 × 1000 cm
Standard Thicknesses: 2 mm - 3 mm - 4 mm - 5 mm
Available with a self-adhesive backing.

Selection and scope

Selection takes account of the sound source, application area, existing construction and target insulation performance. In addition to membrane thickness, assess mass per unit area, flexibility, service temperature and documented acoustic performance. Mass per unit area and volumetric density are different properties; products of equal thickness may have different weights. Decibel figures in technical documentation relate to specific test conditions and do not guarantee the same improvement in every installation. Check the fire classification, composition and installation method for the selected product, and plan continuous joints and fixing details to suit the project.

EPDM Heavy Sound Barrier



Selection and scope

Joints and perimeter connections are designed for continuity. Absorption ratings such as NRC cannot substitute for a barrier’s sound transmission reduction rating.

Applications

It can be used on party walls, in plasterboard partitions, between board layers and in suitably designed ceilings. Applications can include studios, music rooms, acoustic booths, generator enclosures, plant rooms, ventilation ducts and building services. Beneath screed or parquet, use products or combined systems with verified load behaviour and impact sound performance. For vehicle cabins and marine applications, options must meet the relevant fire, smoke, temperature and fixing requirements.

Benefits

It contributes to reducing speech, music and machinery noise transmitted to adjoining spaces. Its thin, heavy layer can strengthen wall or ceiling systems with a limited increase in thickness. Flexibility makes it easier to accommodate corners and different surface shapes. Combined with absorbing materials, it brings absorption and resistance to sound transmission into the same system. In vibration-damping applications, resilient connections and vibration mounts may be needed to control machine vibration transmitted to the structure.

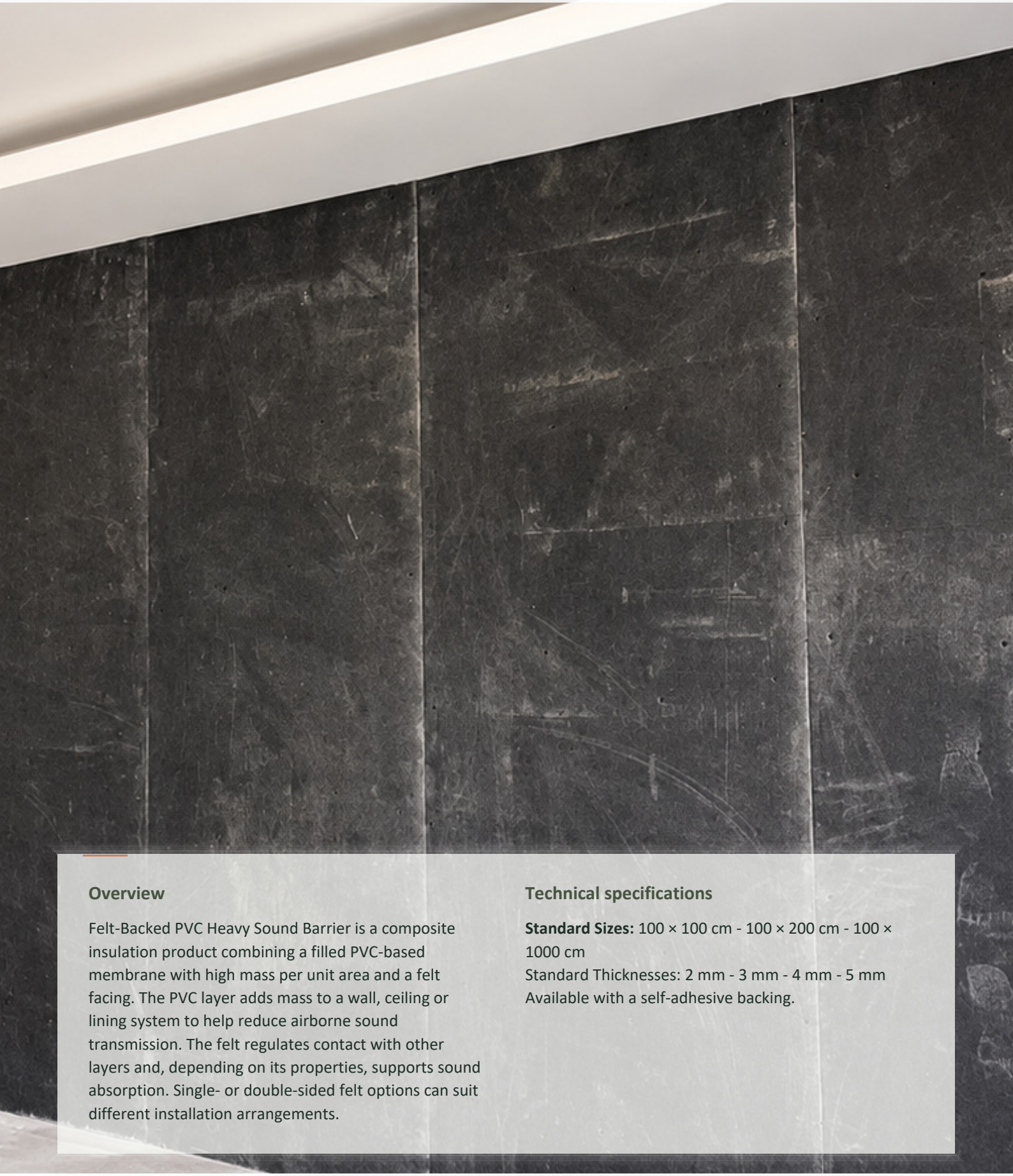
EPDM Heavy Sound Barrier





EPDM Heavy Sound Barrier is a flexible sound insulation membrane made by combining EPDM rubber-based compounds with fillers that provide high mass per unit area. By adding mass to the assembly, it helps reduce airborne sound transmission through building elements.

Felt-Backed PVC Heavy Sound Barrier



Overview

Felt-Backed PVC Heavy Sound Barrier is a composite insulation product combining a filled PVC-based membrane with high mass per unit area and a felt facing. The PVC layer adds mass to a wall, ceiling or lining system to help reduce airborne sound transmission. The felt regulates contact with other layers and, depending on its properties, supports sound absorption. Single- or double-sided felt options can suit different installation arrangements.

Technical specifications

Standard Sizes: 100 × 100 cm - 100 × 200 cm - 100 × 1000 cm
Standard Thicknesses: 2 mm - 3 mm - 4 mm - 5 mm
Available with a self-adhesive backing.

Felt-Backed PVC Heavy Sound Barrier



Selection and scope

Planning considers PVC membrane thickness and mass per unit area, felt type, total thickness and fixing method. Applications between plasterboard sheets, behind wall linings or inside equipment enclosures may require different constructions. Self-adhesive models need clean, dry, sound substrates and adhesive suitable for the conditions. Ceiling fixings must safely support the product’s weight. Joints, edges and service penetrations must maintain continuous insulation.

Joints and perimeter connections are designed for continuity. Absorption ratings such as NRC cannot substitute for a barrier’s sound transmission reduction rating.

Applications

It can be used in plasterboard partitions, between board layers, in wall linings and in suitably designed ceiling systems. It can form part of sound transmission reduction systems in recording rooms, broadcasting facilities, music practice spaces and acoustic booths. It may also be considered for meeting rooms, accommodation buildings and commercial premises. For pipes, ducts or machinery enclosures, select a product compatible with temperature, fire classification, facing and fixing requirements.

Felt-Backed PVC Heavy Sound Barrier



Benefits

It contributes to improving the sound insulation capacity of lightweight partitions and lining systems. Suitable thicknesses can be considered for refurbishments where loss of space must be limited. Its flexibility and ability to be cut to size make adaptation to different surfaces easier. The felt-backed construction combines a heavy barrier and a supporting layer in one product. Performance depends on more than PVC content or thickness: membrane mass, other construction layers and installation quality all matter.

Installation approach

Recommending a single product before confirming dimensions, surfaces and installation conditions may not achieve the intended result. Share your application and expectations with Zoon Akustik to explore suitable options.

Project preparation

The intended use of the space, approximate dimensions, photographs of the installation surfaces and your colour or texture preferences will help us prepare a quotation.

Technical performance, fire classification and suitability for use are verified against the selected product's current manufacturer documentation. The product name alone does not constitute a performance guarantee.

Felt-Backed PVC Heavy Sound Barrier





Felt-Backed PVC Heavy Sound Barrier is a composite insulation product combining a filled PVC-based membrane with high mass per unit area and a felt facing. The PVC layer adds mass to a wall, ceiling or lining system to help reduce airborne sound transmission.

TECSOUND SY



Overview

TECSOUND SY is a polymer-based, bitumen-free, high-density sound insulation membrane with a self-adhesive backing on one face. Its thin construction provides high mass per unit area, helping increase the resistance of walls, ceilings and other building elements to sound transmission. Its flexible, viscoelastic structure conforms to the substrate and can contribute to damping vibration energy in suitable systems. The adhesive face with its protective release film makes positioning easier, particularly in multilayer plasterboard installations.

Technical specifications

TECSOUND SY 35 | 1.8 mm | 3.5 kg/m² | Roll: 8.05 × 1.22 m - 9.82 m²
TECSOUND SY 50 | 2.5 mm | 5 kg/m² | Roll: 6.05 × 1.22 m - 7.38 m²
TECSOUND SY 70 | 3.5 mm | 7 kg/m² | Roll: 5.05 × 1.22 m - 6.16 m²
TECSOUND SY 100 | 5 mm | 10 kg/m² | Roll: 4 × 1.2 m - 4.8 m²

TECSOUND SY



Selection and scope

Product selection considers the existing construction layers, sound source, available installation depth and target insulation level. Options within the range are differentiated by membrane thickness and mass per unit area. For bass noise control, review low-frequency test results together with the complete wall or ceiling assembly. Bonding surfaces must be clean, dry and sound, and installation must take place within the specified temperature range. Ceiling applications must retain any mechanical fixings required by the system. The product's B-s2,d0 reaction-to-fire classification under EN 13501-1 should be assessed alongside the relevant technical documentation and application conditions.

Selection and scope

Joints and perimeter connections are designed for continuity. Absorption ratings such as NRC cannot substitute for a barrier’s sound transmission reduction rating.

TECSOUND SY



Applications

It can be used on residential party walls, plasterboard partitions, wall linings and multilayer ceilings. It can form part of sound transmission reduction solutions in hotels, offices, meeting rooms, studios, music practice spaces and acoustic booths. It may also be used to reduce rain noise and similar effects on lightweight roofs and metal cladding. With appropriate system detailing, it can be applied to machinery enclosures, plant rooms and building services. Joints, edges and openings must be completed to maintain continuous insulation.

Benefits

It contributes to improved insulation by adding mass to building elements with a limited increase in thickness. Its self-adhesive face makes positioning on boards easier and installation more orderly. Flexibility and cut-to-size capability support adaptation to different surfaces. Combined with absorbers, sound absorption and reduced transmission can be addressed in one system. Suitable application to metal surfaces can also damp vibration-induced noise. Low-temperature flexibility does not mean the adhesive can be applied at any temperature.

TECSOUND SY







TECSOUND SY is a polymer-based, bitumen-free, high-density sound insulation membrane with a self-adhesive backing on one face. Its thin construction provides high mass per unit area, helping increase the resistance of walls, ceilings and other building elements to sound transmission.

Acoustic Underlay



Overview

Acoustic underlay is an insulation material that creates a resilient separation between floor layers to help reduce impact noise and vibration transmitted through the structure. Its closed-cell structure can be suitable for applications beneath wood flooring or screed. By limiting the transfer of sounds from walking, moving chairs and dropped objects into the floor, it helps create more comfortable living and working spaces.

Technical specifications

Dimensions: width 150 cm / length 20 m
Thickness: available from 2 mm to 25 mm.
Density: 95 kg/m³
Thermal conductivity: 0.072 W/(m·K) · Recovery after 50% compression: 90%
Hardness: 75 Shore A

Tensile strength: 5.2 kg/cm²

Acoustic Underlay



Selection and scope

Acoustic underlay should be selected by considering the floor structure, finish, expected loads and intended noise control together. A material used beneath screed may require different compression behaviour from one installed directly beneath wood flooring. Thickness, density and compressive strength are determined by the application, with dimensions, colours and surface textures available according to the product range. Continuous joints and the prevention of rigid contact at wall junctions are important for effective insulation.

Applications

It can help reduce floor noise in homes, apartments, offices, hotels and busy commercial areas. Suitably specified models may be used in floating screeds, beneath wood flooring and in projects requiring inter-floor impact-noise control. In studios, cinemas, theatres and sports areas, it is assessed as part of a floor system designed for the expected loads and sound levels.

Acoustic Underlay



Benefits

By reducing direct contact between the structural floor and the layer above, it helps control footsteps, rattling and impact noise. Its flexibility limits the transmission of mechanical effects during use. Depending on thickness and technical properties, it may also help reduce heat transfer. The sound insulation achieved depends on the complete floor assembly and installation quality as well as the underlay itself.

Let’s find the right option together

Recommending a single product before confirming dimensions, surfaces and installation conditions may not achieve the intended result. Share your application and expectations with Zoon Akustik to explore suitable options.

Project preparation

The intended use of the space, approximate dimensions, photographs of the installation surfaces and your colour or texture preferences will help us prepare a quotation.

Technical performance, fire classification and suitability for use are verified against the selected product’s current manufacturer documentation. The product name alone does not constitute a performance guarantee.

Acoustic Underlay

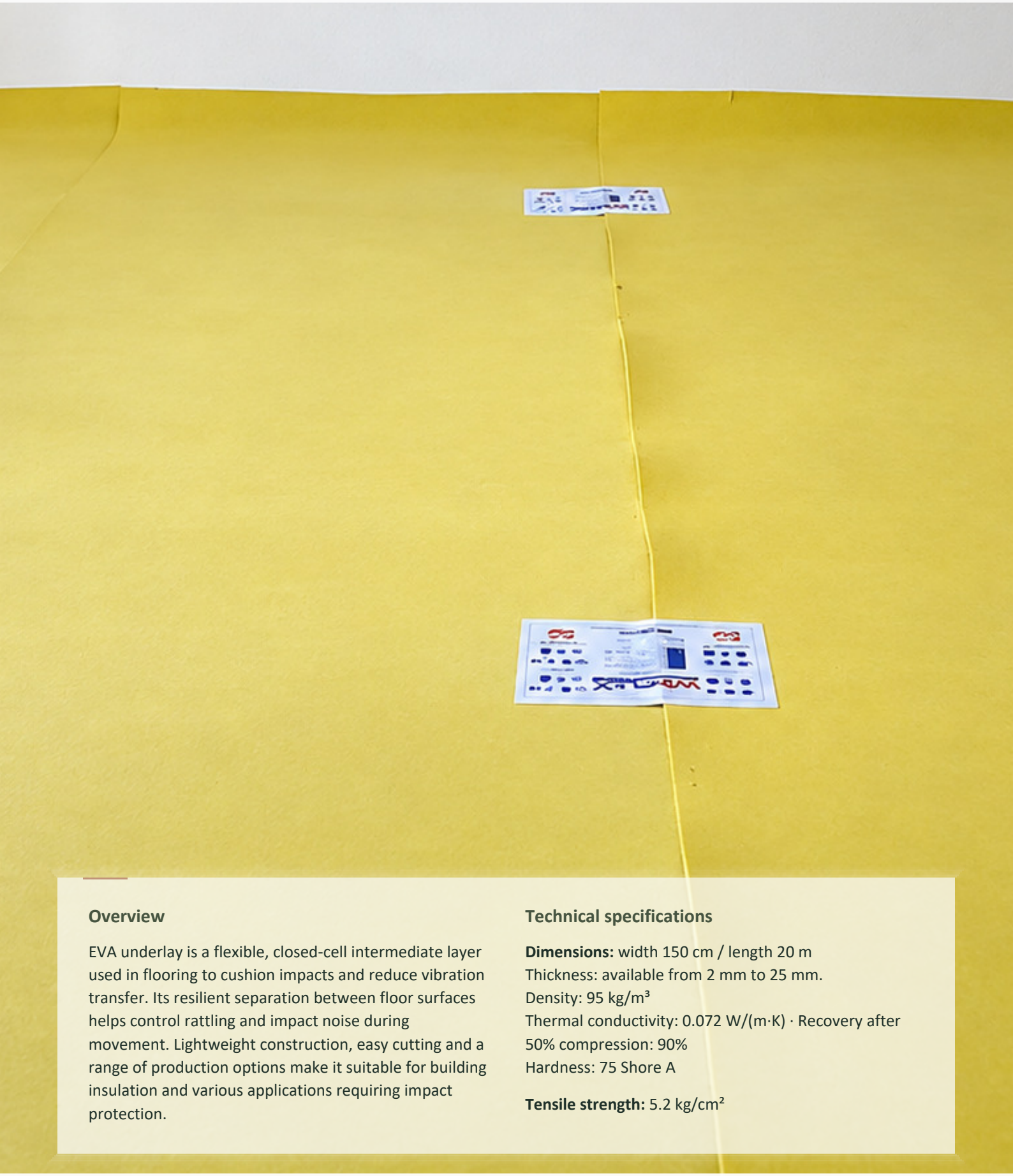






Acoustic underlay is an insulation material that creates a resilient separation between floor layers to help reduce impact noise and vibration transmitted through the structure. Its closed-cell structure can be suitable for applications beneath wood flooring or screed.

EVA Underlay



Overview

EVA underlay is a flexible, closed-cell intermediate layer used in flooring to cushion impacts and reduce vibration transfer. Its resilient separation between floor surfaces helps control rattling and impact noise during movement. Lightweight construction, easy cutting and a range of production options make it suitable for building insulation and various applications requiring impact protection.

Technical specifications

Dimensions: width 150 cm / length 20 m
Thickness: available from 2 mm to 25 mm.
Density: 95 kg/m³
Thermal conductivity: 0.072 W/(m·K) · Recovery after 50% compression: 90%
Hardness: 75 Shore A

Tensile strength: 5.2 kg/cm²

EVA Underlay



Selection and scope

The thickness and density of EVA underlay should suit the loads and required resilience of the application. Floor underlay must resist excessive compression under sustained loading, work with the floor finish and form a continuous layer. Different dimensions, colours and patterns may be available. Heat-forming conditions must follow the product specifications; for underfloor heating, the total thermal resistance and compatibility with the finish must also be checked.

Under-screed and under-flooring products operate under different loads. Suitability is verified for the selected model and floor construction.

Applications

With suitable specifications, it can be used beneath wood flooring and screed for sound insulation, as a resilient separator between building elements or as an impact-reducing layer. It may also provide protection or support in automotive, appliance, packaging, sports equipment, footwear and toy manufacturing. Load capacity, thickness and relevant product-safety requirements must be considered separately for each use.

EVA Underlay



Benefits

Its resilience helps distribute impact forces and reduce vibration transfer at contact points. Within a suitable floor system, it helps limit noise from walking and moving objects. The closed-cell structure may contribute to low water absorption, but any required waterproofing or vapour-control layers must be assessed separately. Easy processing allows adaptation to different surfaces and project dimensions.

Installation approach

Recommending a single product before confirming dimensions, surfaces and installation conditions may not achieve the intended result. Share your application and expectations with Zoon Akustik to explore suitable options.

Project preparation

The intended use of the space, approximate dimensions, photographs of the installation surfaces and your colour or texture preferences will help us prepare a quotation.

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EVA Underlay



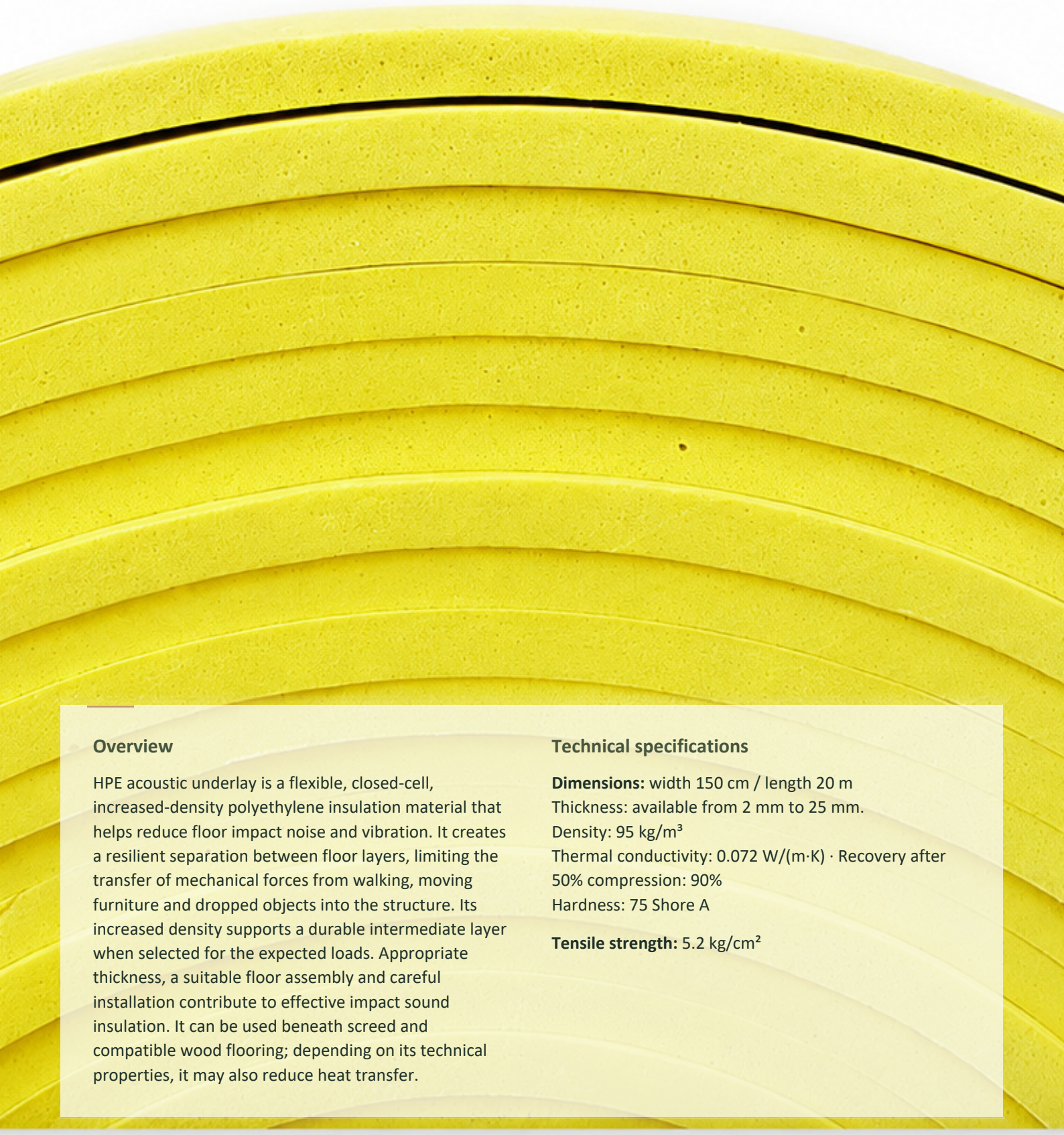






EVA underlay is a flexible, closed-cell intermediate layer used in flooring to cushion impacts and reduce vibration transfer. Its resilient separation between floor surfaces helps control rattling and impact noise during movement.

HPE Acoustic Underlay



Overview

HPE acoustic underlay is a flexible, closed-cell, increased-density polyethylene insulation material that helps reduce floor impact noise and vibration. It creates a resilient separation between floor layers, limiting the transfer of mechanical forces from walking, moving furniture and dropped objects into the structure. Its increased density supports a durable intermediate layer when selected for the expected loads. Appropriate thickness, a suitable floor assembly and careful installation contribute to effective impact sound insulation. It can be used beneath screed and compatible wood flooring; depending on its technical properties, it may also reduce heat transfer.

Technical specifications

Dimensions: width 150 cm / length 20 m
Thickness: available from 2 mm to 25 mm.
Density: 95 kg/m³
Thermal conductivity: 0.072 W/(m·K) · Recovery after 50% compression: 90%
Hardness: 75 Shore A

Tensile strength: 5.2 kg/cm²

HPE Acoustic Underlay



Selection and scope

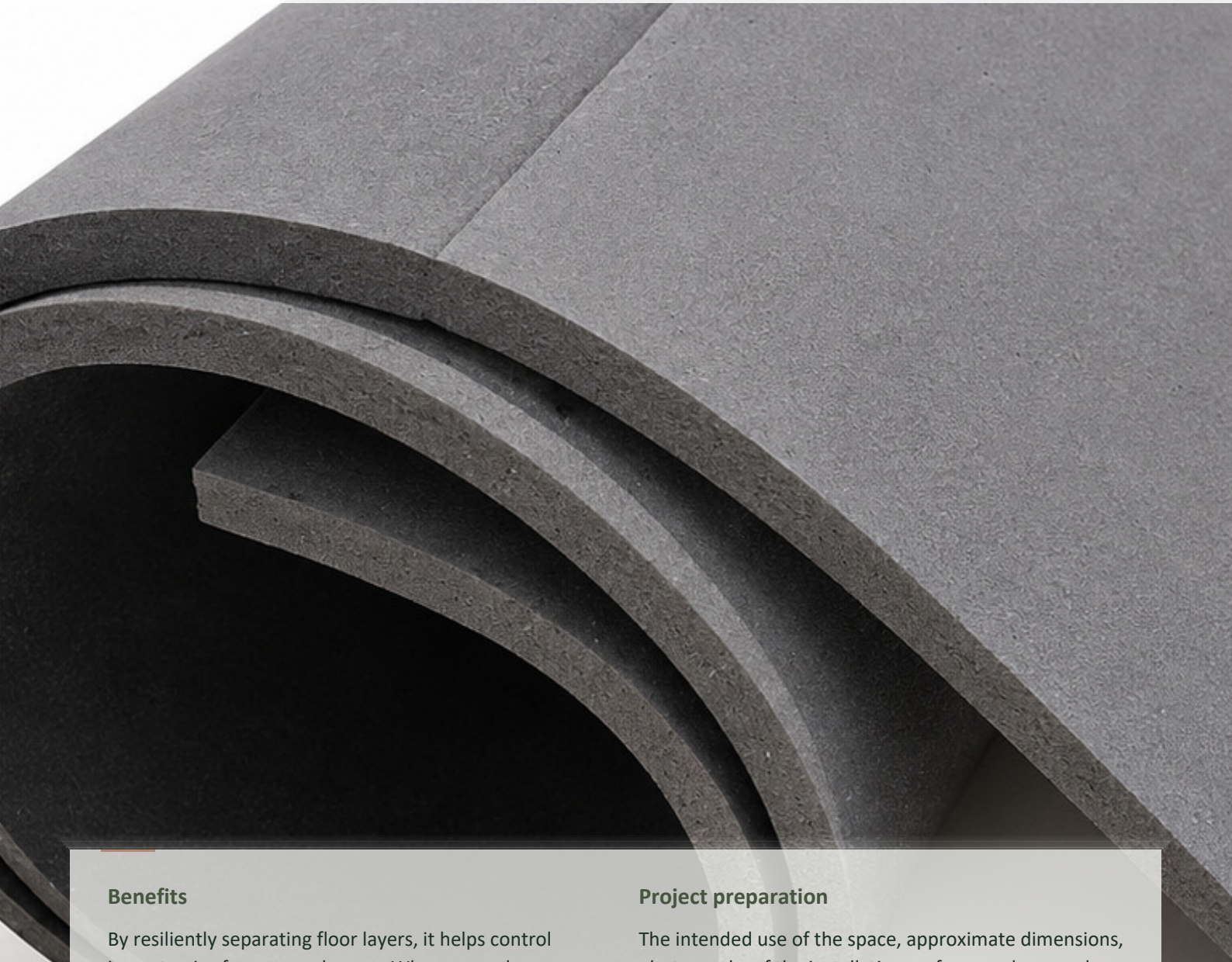
Product selection should consider the existing floor, intended screed or finish, available layer height and intensity of use. Thickness alone is insufficient: density, resilience and thickness retention under load also matter. Different thicknesses and sizes may be available for the project, with colours and finishes depending on production options. Correct joints, service penetrations and edge details reduce sound transmission through rigid contact points.

Under-screed and under-flooring products operate under different loads. Suitability is verified for the selected model and floor construction.

Applications

Suitable for sound insulation in new floors and refurbishments in homes, hotels, offices, educational buildings and commercial spaces. It can create resilient separation beneath screed or compatible wood flooring systems. It can also form part of complete floor solutions in meeting spaces, recording rooms, cinemas and similar acoustically sensitive environments. Load-bearing properties must be verified separately where heavy equipment or high impact loads are expected.

HPE Acoustic Underlay



Benefits

By resiliently separating floor layers, it helps control impact noise from everyday use. When properly designed, it supports reduction of unwanted noise transmitted to lower storeys and improves indoor comfort. Its lightweight, formable structure makes cutting and placement to suit the area easier. Thermal and acoustic contributions should be assessed against the selected product's technical values.

Installation approach

Recommending a single product before confirming dimensions, surfaces and installation conditions may not achieve the intended result. Share your application and expectations with Zoon Akustik to explore suitable options.

Project preparation

The intended use of the space, approximate dimensions, photographs of the installation surfaces and your colour or texture preferences will help us prepare a quotation.

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HPE Acoustic Underlay

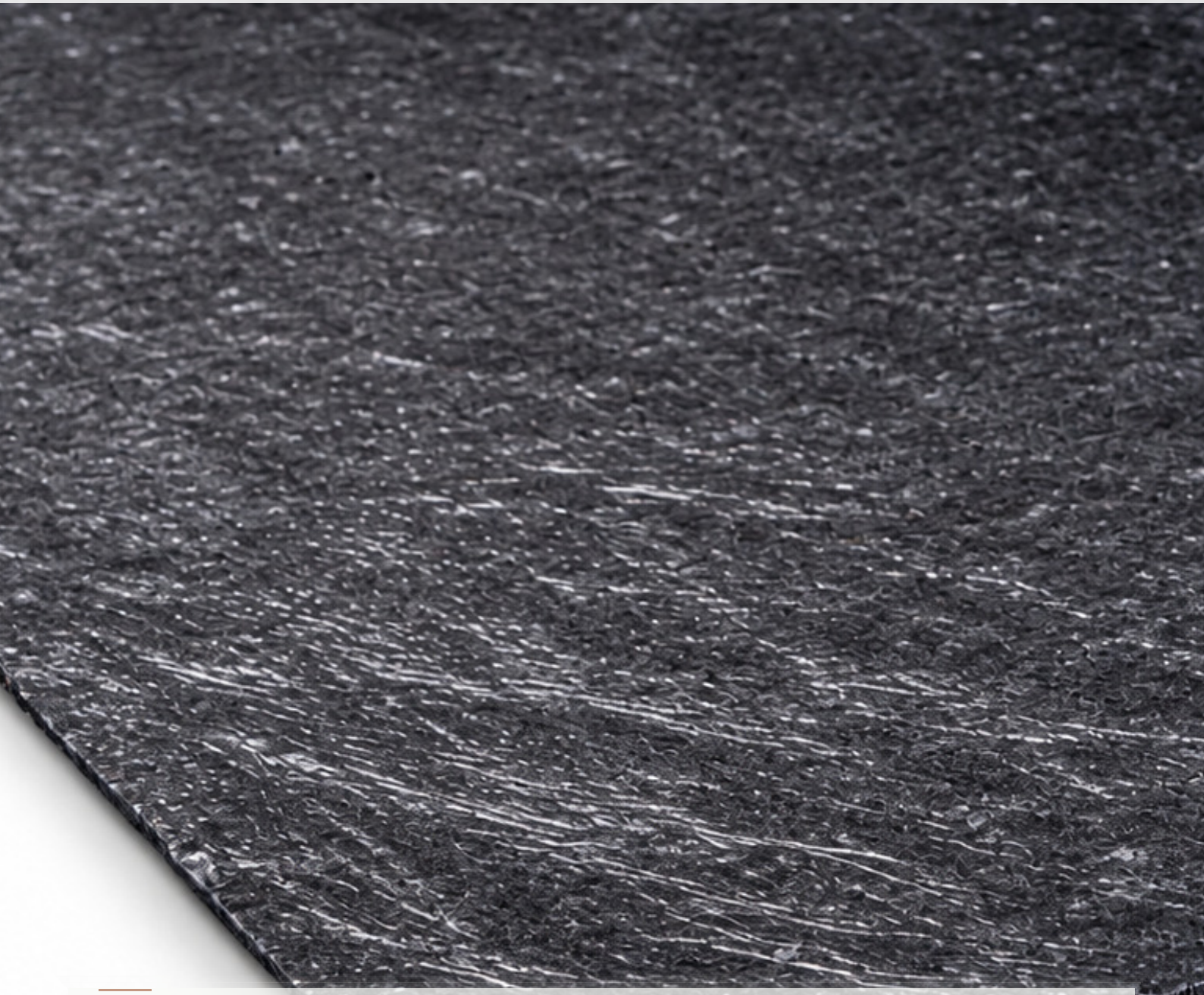






HPE acoustic underlay is a flexible, closed-cell, increased-density polyethylene insulation material that helps reduce floor impact noise and vibration. It creates a resilient separation between floor layers, limiting the transfer of mechanical forces from walking, moving furniture and dropped objects into the structure.

Rubber



Overview

Rubber for sound and vibration insulation is a resilient material made by binding recycled rubber particles together. It creates an elastic separation between building elements, helping reduce the transfer of vibration from impacts and mechanical movement into the structure. Different thicknesses and densities allow its use as a sound and vibration membrane. Applications range from homes and mechanical spaces to sports facilities and factory floors. Recycled raw materials help give rubber waste a new use.

Technical specifications

Rubber roll dimensions: 3 mm, 60 × 3200 cm / 4.5 mm, 60 × 2500 cm
5 mm · 60 × 2200 / 8.4 mm · 60 × 1500 cm / 15/10 mm · 60 × 800 cm
Also available in 100 × 1000 cm dimensions and various thicknesses.
Rubber tile dimensions: 20 mm, 50 × 50 cm / 20 mm, 100 × 100 cm
Rubber sheet dimensions: 3-20 mm, 64 × 94 cm / 3-20 mm, 100 × 100 cm

Rubber



Selection and scope

Rubber should be selected by evaluating thickness, density, resilience and behaviour under load. Equipment weight and operating frequency matter in mechanical applications; inter-floor applications depend on the structural floor, screed thickness and finish. Rigid contact at perimeters and service penetrations must be avoided for under-screed insulation to work effectively. Where required by the project, steel mesh or other appropriate screed reinforcement should be considered for load distribution and crack control. All offered products are selected for the application within the scope of their technical documentation and certification.

Applications

Suitable for inter-floor impact-noise control in homes, hotels, offices, schools and commercial buildings. Compatible models can be used beneath screed, beneath wood flooring or within the specified insulation layer of heated floors. They may form part of vibration-control systems in plant rooms, machine foundations, factories and production areas. In parks, sports facilities and exercise areas, appropriate products can serve as a surface covering or impact-reducing underlayer.

Rubber



Benefits

Rubber's elasticity helps limit the spread of impacts and mechanical vibration through the floor. It supports reduction of footsteps, equipment movement and structure-borne noise transmitted between storeys. Within its appropriate load range, it acts as a resilient separating layer during use. Its contribution to sound insulation depends on the floor thickness, installation layers and joints as well as the product. Choosing the right product and assembly can improve acoustic conditions in living and production spaces.

Let’s find the right option together

Recommending a single product before confirming dimensions, surfaces and installation conditions may not achieve the intended result. Share your application and expectations with Zoon Akustik to explore suitable options.

Project preparation

The intended use of the space, approximate dimensions, photographs of the installation surfaces and your colour or texture preferences will help us prepare a quotation.

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Rubber

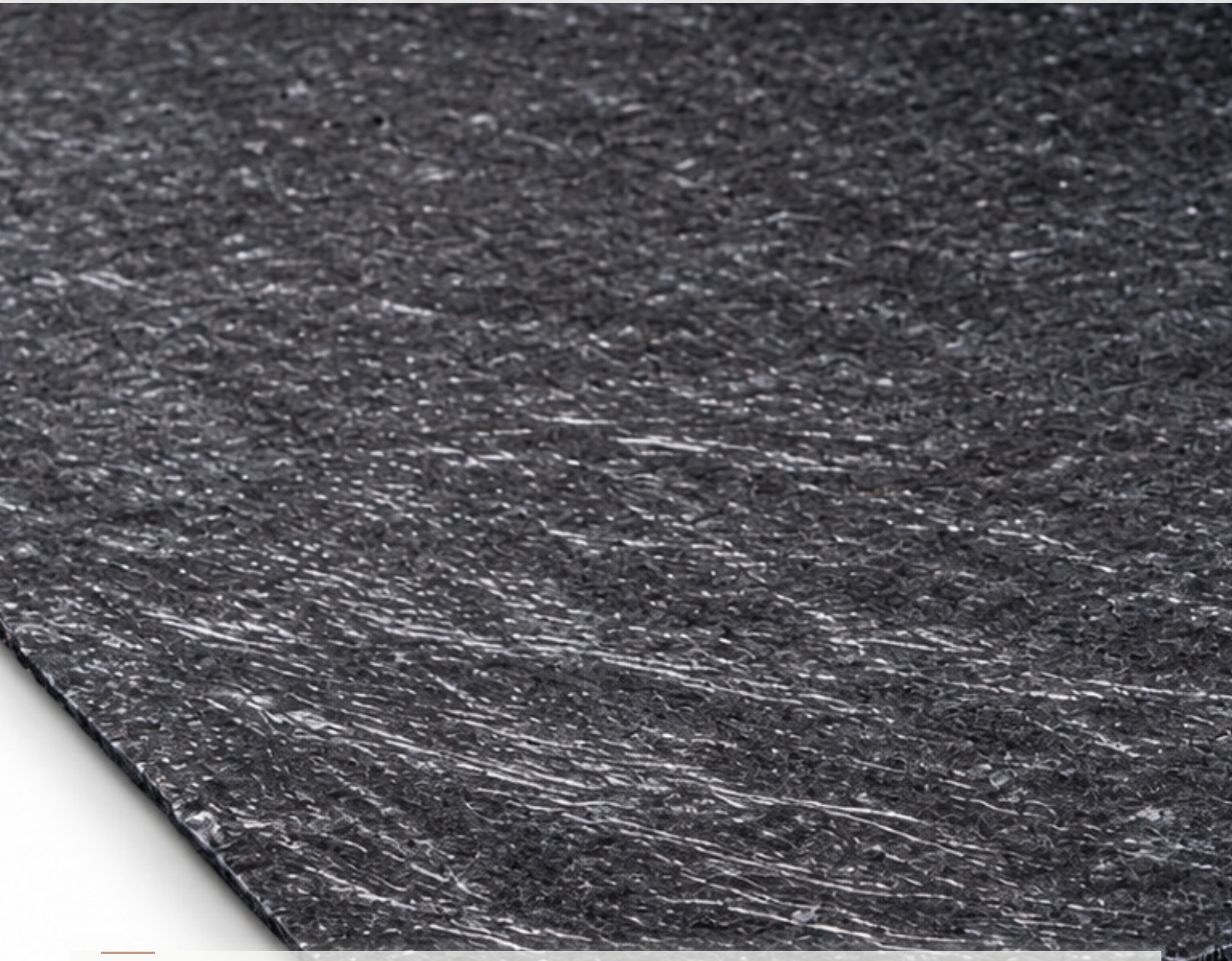






Rubber for sound and vibration insulation is a resilient material made by binding recycled rubber particles together. It creates an elastic separation between building elements, helping reduce the transfer of vibration from impacts and mechanical movement into the structure.

Rubber Sound and Vibration Insulation Membrane



Overview

A rubber sound and vibration insulation membrane is produced by combining recycled rubber granules with suitable binders to create a resilient separation between building layers. It helps reduce the transfer of vibration caused by impacts and mechanical movement into the structural floor. It is used to control footsteps, equipment movement and structure-borne noise between floors. Different thicknesses and densities accommodate applications ranging from homes and plant rooms to sports facilities and production areas.

Technical specifications

Dimensions: 3 mm, 60 × 3200 cm / 4.5 mm, 60 × 2500 cm / 5 mm, 60 × 2200 cm
8.4 mm · 60 × 1500 cm / 15/10 mm · 60 × 800 cm
Also available in 100 × 1000 cm dimensions and various thicknesses.

Rubber Sound and Vibration Insulation Membrane



Selection and scope

Membrane selection should consider thickness, resilience, compression under load and the intended vibration control together. Equipment weight and operating frequency matter in mechanical applications; floor applications depend on structural slab thickness, screed properties and finish. Screed thickness and any required steel mesh or other reinforcement should be designed for load distribution and crack control. Preventing rigid contact at perimeters and service penetrations supports insulation continuity. Documented and certified products are selected for conditions within their technical scope.

Granulated rubber, solid rubber and foam rubber are different materials. Select a suitable product according to hardness, loading and the manufacturer’s installation details.

Applications

It can be used for inter-floor impact sound insulation in homes, hotels, offices, schools and commercial buildings. Suitably specified models may be installed beneath screed, above screed beneath the finish or beneath wood flooring. In heated floors, they should be positioned as designed after checking temperature resistance, thermal resistance and the layer arrangement. They may form part of vibration-control systems in plant rooms, machine foundations, factories and production areas. For indoor and outdoor sports areas, compatible options can be used as resilient underlayers.

Rubber Sound and Vibration Insulation Membrane



Benefits

Its resilient structure reduces direct mechanical connections between floor layers, helping limit the spread of impact noise and vibration. It supports control of unwanted noise from everyday movement and operating equipment. Selected for the appropriate load range, it acts as a resilient separating layer within the floor. Recycled raw materials give rubber waste a new use. Acoustic performance depends on the membrane, the design of the surrounding layers and the joint details.

Installation approach

Recommending a single product before confirming dimensions, surfaces and installation conditions may not achieve the intended result. Share your application and expectations with Zoon Akustik to explore suitable options.

Project preparation

The intended use of the space, approximate dimensions, photographs of the installation surfaces and your colour or texture preferences will help us prepare a quotation.

Technical performance, fire classification and suitability for use are verified against the selected product’s current manufacturer documentation. The product name alone does not constitute a performance guarantee.

Rubber Sound and Vibration Insulation Membrane





A rubber sound and vibration insulation membrane is produced by combining recycled rubber granules with suitable binders to create a resilient separation between building layers. It helps reduce the transfer of vibration caused by impacts and mechanical movement into the structural floor.

Rubber Sheet



Overview

Rubber sheet is a resilient insulation product supplied in defined dimensions for sound and vibration control. It limits impact-noise and vibration transmission by reducing direct contact between the structural floor and the layers above. The sheet format facilitates planned placement and controlled cutting at corners, edges and around equipment. It is particularly useful where inter-floor noise reduction and a resilient separating layer are required.

Technical specifications

Dimensions: 3-20 mm, 64 × 94 cm / 3-20 mm, 100 × 100 cm

Selection and scope

When selecting rubber sheets, establish whether they will be installed beneath screed, above screed or directly beneath wood flooring. Thickness and compression behaviour must suit the loads and floor finish. Sheets should be laid without gaps, with rigid sound-transmitting connections avoided at wall edges. For floating screeds, thickness, strength class and necessary reinforcement are determined by the project. Documented and certified product options should be assessed as part of this complete assembly.

Granulated rubber, solid rubber and foam rubber are different materials. Select a suitable product according to hardness, loading and the manufacturer’s installation details.

Rubber Sheet



Applications

Rubber sheets can be used for inter-floor sound insulation in homes, offices, hotels, educational buildings and commercial spaces. Products with suitable specifications may be installed beneath screed, above screed beneath the finish, or beneath wood flooring. In heated floors, temperature resistance, thermal resistance and the layer arrangement must be checked. Sheets selected for the load and vibration conditions can also provide resilient supports beneath mechanical equipment.

Benefits

Sheets allow orderly, controlled installation across areas of different sizes. The resilient layer cushions impacts and helps reduce the transfer of movement from the finish into the structural floor, supporting control of footsteps, furniture movement and similar noise heard below. Suitable thickness and load resistance can contribute to the acoustic comfort of the floor system. Adaptability to localised applications also offers flexibility beneath equipment and at special details.

Rubber Roll



Overview

Rubber roll is a resilient sound and vibration insulation material made by binding recycled rubber granules into a continuous sheet. Its ability to be laid across large areas simplifies the creation of a consistent separating layer. As a sound and vibration membrane, it helps reduce the transfer of energy from impacts and mechanical movement into building elements. Different thicknesses accommodate needs ranging from building floors to industrial applications.

Technical specifications

Rubber roll dimensions: 3 mm, 60 × 3200 cm / 4.5 mm, 60 × 2500 cm
5 mm · 60 × 2200 / 8.4 mm · 60 × 1500 cm / 15/10 mm · 60 × 800 cm
Also available in 100 × 1000 cm dimensions and various thicknesses.

Rubber Roll



Selection and scope

When selecting rubber rolls, consider the area, service loads, intended noise control and total floor height. Correct joints, continuous perimeter isolation and preventing screed from seeping into or beneath the insulation are important details. Under-screed products require screed thickness and any steel mesh or other reinforcement to be designed for the loads. Options beneath wood flooring or in heated floors also require checks for finish and temperature compatibility. Technical documentation and certificates form the basis for product selection.

Selection and scope

Granulated rubber, solid rubber and foam rubber are different materials. Select a suitable product according to hardness, loading and the manufacturer’s installation details.

Applications

It can be used beneath screed and compatible wood flooring in residential, hotel, office and commercial buildings. In heated floors, it may serve as a sound and vibration insulation layer in the position specified by the system design. It can form part of vibration-control solutions in factories, production facilities, plant rooms and equipment areas. Suitable models may also be used as a surface covering or resilient underlayer in gyms, exercise areas, parks and outdoor sports facilities.

Rubber Roll



Benefits

The roll format can speed up installation across large surfaces and, when laid correctly, facilitate a near-continuous insulation layer. Its resilient granular structure supports control of footsteps and mechanical impacts transmitted into the floor. It may help reduce the spread of vibration from exercise, equipment operation and production activities through the building. Recycled rubber supports material reuse, while different sizes and thicknesses allow solutions to suit each project.

Installation approach

Recommending a single product before confirming dimensions, surfaces and installation conditions may not achieve the intended result. Share your application and expectations with Zoon Akustik to explore suitable options.

Project preparation

The intended use of the space, approximate dimensions, photographs of the installation surfaces and your colour or texture preferences will help us prepare a quotation.

Technical performance, fire classification and suitability for use are verified against the selected product’s current manufacturer documentation. The product name alone does not constitute a performance guarantee.

Rubber Roll





Rubber roll is a resilient sound and vibration insulation material made by binding recycled rubber granules into a continuous sheet. Its ability to be laid across large areas simplifies the creation of a consistent separating layer.

Rubber Tiles



Overview

Rubber tiles are modular floor coverings made by forming granular rubber material into specific sizes. Their resilient surface helps absorb impacts during use and reduce contact noise radiating from the floor. Various options are available for parks, gardens, sports areas and suitable industrial applications. They combine sound and vibration control with a durable usable surface. Their modular format simplifies layout to suit the space and allows individual sections to be replaced when required.

Technical specifications

20 mm · 50 × 50 cm / 20 mm · 100 × 100 cm

Rubber Tiles



Selection and scope

Rubber tiles should be selected by considering the intended use, thickness, density, surface properties and subfloor preparation together. Outdoor applications require attention to drainage, weather resistance and edge finishing; sports areas require appropriate impact cushioning. Only products verified for pallet-truck or forklift traffic should be used in those areas. Wheel loads and types, turning and braking forces and the stability of joints must be assessed. The documented and certified scope of use depends on the selected model's specifications.

Selection and scope

Granulated rubber, solid rubber and foam rubber are different materials. Select a suitable product according to hardness, loading and the manufacturer’s installation details.

Applications

Applications include parks, gardens, walkways, outdoor sports areas, gyms and exercise zones. Children's play areas require models documented as suitable for the relevant impact and fall-height requirements. In factories and production facilities, they may provide impact-reducing surfaces around equipment and in staff work areas. Pallet-truck and forklift routes require models technically verified for heavy vehicle traffic, installed with a suitable subfloor and fixing system.

Rubber Tiles



Benefits

The resilient surface helps cushion impacts from walking, exercise and suitable equipment use. By supporting contact-noise control, it contributes to more comfortable working and activity areas. Its modular construction can simplify local maintenance and replacement. A choice of sizes, thicknesses and colours allows layouts to suit the application. Sound and vibration performance depends on the tile properties, subfloor structure and installation details.

Installation approach

Recommending a single product before confirming dimensions, surfaces and installation conditions may not achieve the intended result. Share your application and expectations with Zoon Akustik to explore suitable options.

Project preparation

The intended use of the space, approximate dimensions, photographs of the installation surfaces and your colour or texture preferences will help us prepare a quotation.

Technical performance, fire classification and suitability for use are verified against the selected product’s current manufacturer documentation. The product name alone does not constitute a performance guarantee.

Cork



Overview

Cork is a material made by processing natural raw material obtained from cork oak bark for thermal and acoustic insulation. Its cellular structure helps limit heat transfer and provides resilience under mechanical impact. Between floor layers, it helps reduce the transmission of footsteps and impact vibration. Rolls and sheets accommodate different surfaces and project needs.

Technical specifications

Dimensions: 2-50 mm, 64 × 84 cm sheets / 2-10 mm, 120 × 2000 cm rolls

Selection and scope

Cork selection starts with whether the application is on a floor, wall or ceiling; thickness, density, compression behaviour and finish compatibility should be assessed together. Loads beneath wood flooring differ from those beneath screed. On walls and ceilings, bonding, fixing and finishing methods must follow system details suitable for the selected product. Thermal and acoustic results depend on the layer arrangement and continuity of joints as well as the material properties.

Cork



Applications

It can provide thermal and acoustic insulation in homes, offices, hotels, educational buildings, hospitals, cinemas and conference halls. Suitable products may be used beneath wood flooring, beneath screed or between finishing layers. Wall and ceiling applications require options verified as compatible with the substrate and finish. In heated floors, the position and thermal resistance of the material must be considered alongside the heating-system design.

Benefits

Cork's low thermal conductivity supports reduced heat transfer between building elements. Its resilience and recovery after compression help cushion impacts within suitable load conditions. As a separating layer in floors, it helps control noise from everyday use. Its natural, renewable origin makes it an option for projects seeking more efficient use of resources.

Cork



Let’s find the right option together

Recommending a single product before confirming dimensions, surfaces and installation conditions may not achieve the intended result. Share your application and expectations with Zoon Akustik to explore suitable options.

Project preparation

The intended use of the space, approximate dimensions, photographs of the installation surfaces and your colour or texture preferences will help us prepare a quotation.

Technical performance, fire classification and suitability for use are verified against the selected product’s current manufacturer documentation. The product name alone does not constitute a performance guarantee.

Cork







Cork is a material made by processing natural raw material obtained from cork oak bark for thermal and acoustic insulation. Its cellular structure helps limit heat transfer and provides resilience under mechanical impact.

Cork Sheet



Overview

Cork sheet is cork-based insulation supplied as panels in defined dimensions and thicknesses. It is used to reduce heat transfer and support impact-noise control between building layers. The sheet format simplifies orderly placement and preparation of pieces for corners, edges and confined spaces. Options with different manufacturing specifications can be considered for floor, wall and ceiling systems.

Technical specifications

Dimensions: 2-50 mm, 64 × 94 cm

Selection and scope

Sheet selection should consider substrate flatness, the intended finish, expected loads and required insulation thickness. Panels should be laid without gaps, with cuts and joints maintaining continuity. For plastered walls, adhesive, reinforcing mesh and finishing materials must form a compatible system. Ceiling fixing must follow the installation instructions. Compression under load and thickness retention require particular assessment in flooring.

The compression and loading behaviour of cork and cork-rubber must be assessed separately; thickness alone does not indicate performance.

Cork Sheet



Applications

Cork sheets can be used in homes, hotels, offices, educational buildings and healthcare facilities. Suitable sheets may be installed beneath wood flooring or screed, or behind wall and ceiling finishes. They can form part of a complete insulation system in cinemas, meeting rooms and conference spaces. Door infills and special separation details between building elements require products designed for those uses.

Benefits

The sheet format allows controlled cutting and placement to match the installation area. Its natural cellular structure contributes to thermal insulation, while use within a suitable floor assembly supports impact-noise reduction. Adaptability to localised applications makes it practical at different surfaces and junctions. Combined with the right product and finishing system, it helps improve indoor thermal and acoustic comfort.

Cork Sheet



Installation approach

Recommending a single product before confirming dimensions, surfaces and installation conditions may not achieve the intended result. Share your application and expectations with Zoon Akustik to explore suitable options.

Project preparation

The intended use of the space, approximate dimensions, photographs of the installation surfaces and your colour or texture preferences will help us prepare a quotation.

Technical performance, fire classification and suitability for use are verified against the selected product’s current manufacturer documentation. The product name alone does not constitute a performance guarantee.

Cork Sheet



Cork sheet is cork-based insulation supplied as panels in defined dimensions and thicknesses. It is used to reduce heat transfer and support impact-noise control between building layers.

Cork Roll



Overview

Cork roll is a flexible thermal and acoustic insulation material made from processed cork granules and laid over surfaces. It is particularly useful for creating a consistent intermediate layer across large floors. By reducing direct contact between the floor and its finish, it helps limit footstep and impact-noise transmission. The roll format simplifies cutting to the required length and forming a continuous insulation layer.

Technical specifications

Dimensions: 2-10 mm, 120 × 2000 cm rolls

Selection and scope

Cork roll thickness and density should be selected for the floor assembly and expected loads. Beneath wood flooring, compatibility with the finish's movement and loading is important. Under-screed applications require options verified for the screed load, with separating or protective layers as specified. Joints should be gap-free and continuous perimeter isolation provided. Whether bonding is required depends on the product and finish installation instructions.

The compression and loading behaviour of cork and cork-rubber must be assessed separately; thickness alone does not indicate performance.

Cork Roll



Applications

Suitable for flooring in homes, hotels, offices, meeting rooms and commercial spaces. Compatible models may be installed beneath wood, laminate and other suitable finishes. Under-screed use requires products documented as suitable for that application. Wall applications beneath a finish also require checks for substrate and adhesive compatibility. In heated floors, total thermal resistance and the position within the assembly must be considered.

Benefits

Rolls simplify laying and cutting to size across large areas. Suitable installation helps create a consistent resilient layer throughout the floor. Cork's cellular structure supports reduced heat transfer, while its resilience limits the transmission of everyday impacts. It aims to improve comfort in living and working spaces by helping control footsteps. Insulation performance should be assessed together with thickness and the complete floor assembly.

Cork Roll



Installation approach

Recommending a single product before confirming dimensions, surfaces and installation conditions may not achieve the intended result. Share your application and expectations with Zoon Akustik to explore suitable options.

Project preparation

The intended use of the space, approximate dimensions, photographs of the installation surfaces and your colour or texture preferences will help us prepare a quotation.

Technical performance, fire classification and suitability for use are verified against the selected product’s current manufacturer documentation. The product name alone does not constitute a performance guarantee.

Cork Roll





Cork roll is a flexible thermal and acoustic insulation material made from processed cork granules and laid over surfaces. It is particularly useful for creating a consistent intermediate layer across large floors.

Cork-Rubber Composite



Overview

Cork rubber is a resilient composite insulation material made by combining cork granules and rubber particles with suitable binders. Cork's cellular structure and thermal contribution are combined with rubber's elasticity and vibration-control properties. It creates a resilient separation between building layers, helping reduce impact-noise and mechanical-vibration transmission. Products supplied as rolls or sheets can be selected for different loads and installation conditions.

Technical specifications

Dimensions: 2-50 mm, 64 × 84 cm sheets / 2-10 mm, 120 × 2000 cm rolls

Selection and scope

When selecting cork rubber, assess the blend, density, thickness, compression behaviour and performance under sustained loading. Greater thickness or density does not necessarily produce better results in every application; selection must suit the noise-control target and loads. Requirements beneath wood flooring, beneath screed and at mechanical supports should be assessed individually. The finish, adhesive, perimeter isolation and any necessary moisture protection are also part of the system.

Cork-Rubber Composite



Applications

It may be used to control floor noise in homes, hotels, offices, schools, cinemas and sports facilities. Suitable models can be installed beneath wood flooring, beneath screed or as a separating layer beneath a floor finish. Mechanical areas and equipment supports require specific options matched to the load and operating frequency. Use with underfloor heating must be designed after checking temperature resistance and thermal resistance.

Benefits

Combining cork and rubber creates a resilient separating material. This construction helps reduce the transfer of impacts such as footsteps and equipment movement into the floor. Depending on the blend, it may also help limit heat transfer. Products selected for the appropriate load range support continued use through their recovery after compression. Options containing natural cork and recycled rubber contribute to the reuse of resources.

Cork-Rubber Composite



Let’s find the right option together

Recommending a single product before confirming dimensions, surfaces and installation conditions may not achieve the intended result. Share your application and expectations with Zoon Akustik to explore suitable options.

Project preparation

The intended use of the space, approximate dimensions, photographs of the installation surfaces and your colour or texture preferences will help us prepare a quotation.

Technical performance, fire classification and suitability for use are verified against the selected product’s current manufacturer documentation. The product name alone does not constitute a performance guarantee.

Cork-Rubber Composite



Cork rubber is a resilient composite insulation material made by combining cork granules and rubber particles with suitable binders. Cork's cellular structure and thermal contribution are combined with rubber's elasticity and vibration-control properties.

Cork-Rubber Sheet



Overview

Cork rubber sheet is a composite of cork and rubber manufactured in panel form. It provides a resilient intermediate layer that can be fitted to size on surfaces requiring sound and vibration insulation. Cork's cellular texture and rubber's elasticity work together to cushion impacts and reduce the transfer of mechanical movement into building elements. Sheets allow both orderly coverage of large surfaces and controlled application in specific areas.

Technical specifications

Dimensions: 2-50 mm, 64 × 94 cm

Selection and scope

Sheet thickness, dimensions and compression under load must suit the application. Full-floor installations depend on continuous joints; equipment supports depend on the bearing area and load transferred to each sheet. Products beneath flooring must support the finish without excessive compression. Under-screed applications require coordinated design of screed thickness, reinforcement and perimeter separation. Adhesives and accessories must be compatible with the selected product.

The compression and loading behaviour of cork and cork-rubber must be assessed separately; thickness alone does not indicate performance.

Cork-Rubber Sheet



Applications

Cork rubber sheets may be used for floor sound insulation in homes, offices, hotels, educational buildings and commercial spaces. Suitable options can be installed beneath wood flooring, beneath screed or above screed under the finish. Use beneath machinery or equipment requires sheets with verified vibration-isolation properties. Heated-floor applications require checks of material position, temperature resistance and total thermal resistance.

Benefits

The sheet format simplifies precise cutting at corners and edges and creates controlled support surfaces in selected areas. The resilient composite helps reduce impact noise and vibration transfer within suitable loading conditions. Depending on the specifications, the cork content may also support thermal insulation. Different sizes and thicknesses help tailor the assembly to the available floor height and application area.

Cork-Rubber Sheet



Installation approach

Recommending a single product before confirming dimensions, surfaces and installation conditions may not achieve the intended result. Share your application and expectations with Zoon Akustik to explore suitable options.

Project preparation

The intended use of the space, approximate dimensions, photographs of the installation surfaces and your colour or texture preferences will help us prepare a quotation.

Technical performance, fire classification and suitability for use are verified against the selected product’s current manufacturer documentation. The product name alone does not constitute a performance guarantee.

Cork-Rubber Roll



Overview

Cork rubber roll is an insulation material made by combining cork granules and rubber-based components with binders in a flexible roll format. Laid across large floors, it creates a consistent resilient separation between layers. It combines cork's cellular structure with rubber's elastic response to vibration to support impact-noise control. It is particularly useful beneath finishes and suitable screeds where a continuous insulation layer is required.

Technical specifications

Dimensions: 2-10 mm, 120 × 2000 cm rolls

Selection and scope

Roll selection should consider the area, finish, service load and available floor height. Thickness, density and compressive strength must provide the balance required by the application. Joints must be gap-free, and continuity maintained at walls, columns and service penetrations. Under-screed installations require details that prevent screed from seeping into the insulation. Moisture protection, bonding method and underfloor-heating compatibility are determined by the technical documentation and finish instructions.

The compression and loading behaviour of cork and cork-rubber must be assessed separately; thickness alone does not indicate performance.

Cork-Rubber Roll



Applications

It can be used in homes, hotels, offices, educational buildings, meeting areas and commercial spaces. Depending on compatibility, it may be installed beneath wood, laminate, ceramic and other finishes, using the appropriate bonding method and supporting layers for each. Under-screed models must be verified for the relevant loads. Sports and production areas require options suited to the anticipated impacts and service loads. Heated-floor applications should address heat transfer and acoustic requirements together.

Benefits

The roll format simplifies rapid laying across long and wide surfaces and cutting plans to suit the area. The resilient cork-rubber structure helps reduce the transfer of impacts from walking and everyday movement into the structural floor. Depending on the blend and thickness, it can also contribute to thermal comfort. With correct laying and perimeter details, it forms a continuous intermediate layer supporting inter-floor impact-noise control.

Cork-Rubber Roll



Installation approach

Recommending a single product before confirming dimensions, surfaces and installation conditions may not achieve the intended result. Share your application and expectations with Zoon Akustik to explore suitable options.

Project preparation

The intended use of the space, approximate dimensions, photographs of the installation surfaces and your colour or texture preferences will help us prepare a quotation.

Technical performance, fire classification and suitability for use are verified against the selected product’s current manufacturer documentation. The product name alone does not constitute a performance guarantee.

Elastomeric Rubber



Overview

Elastomeric rubber is a flexible, closed-cell synthetic rubber foam used for thermal insulation and condensation control. Trapped air within its cells and low thermal conductivity reduce heat transfer between hot and cold surfaces. Its flexibility allows it to follow different shapes and fit around building services. In suitable systems, it can also help control contact vibration and associated noise. Sheet, roll and tube formats accommodate different installation needs.

Technical specifications

6 mm thickness · 1000 mm width: 30 m²/roll · 1200 mm width: 36 m²/roll
9 mm thickness · 1000 mm width: 20 m²/roll · 1200 mm width: 24 m²/roll
13 mm thickness · 1000 mm width: 14 m²/roll · 1200 mm width: 16.8 m²/roll
19 mm thickness · 1000 mm width: 10 m²/roll · 1200 mm width: 12 m²/roll
25 mm thickness · 1000 mm width: 8 m²/roll · 1200 mm width: 9.6 m²/roll

Elastomeric Rubber



Technical specifications

32 mm thickness · 1000 mm width: 6 m²/roll · 1200 mm width: 7.2 m²/roll
50 mm thickness · 1000 mm width: 4 m²/roll · 1200 mm width: 4.8 m²/roll

Selection and scope

Selection should consider surface temperature, ambient humidity, required insulation thickness and site conditions together. On cold services, airtight joints are as important as adequate thickness for condensation control. Thermal conductivity, water vapour diffusion resistance and reaction-to-fire classification must be checked in the selected product's technical documentation. Outdoor use requires appropriate UV and weather protection. For sound and vibration control, performance for the specific application must be assessed separately.

Elastomeric Rubber



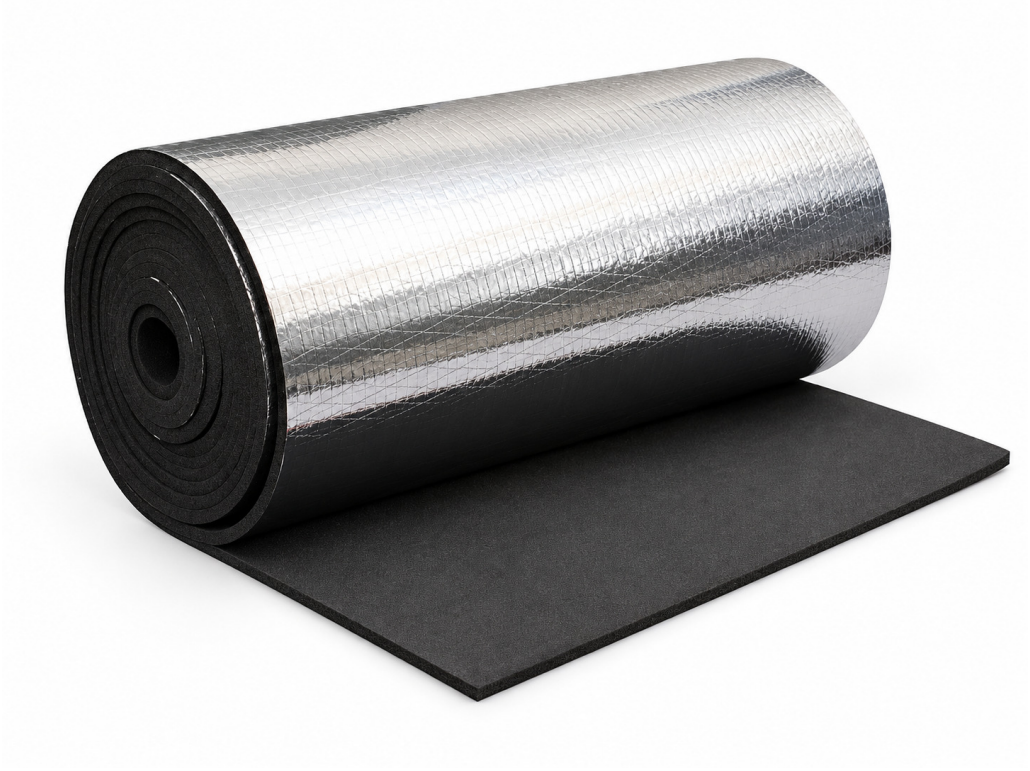
Applications

Applications include heating and cooling pipes, ventilation ducts, air-conditioning systems, plant rooms, tanks and industrial services. It can provide thermal insulation and condensation control in equipment enclosures and technical areas with metal surfaces. Models for vehicles, campervans, ships and boats must meet the relevant temperature, fire, smoke and operating-environment requirements.

Benefits

It supports energy efficiency by reducing unwanted heat exchange in heating and cooling systems. The closed-cell structure resists water vapour penetration. Correct thickness and continuous installation help limit surface condensation. Its flexibility simplifies installation on curved and angular surfaces, while careful cutting can reduce waste. In mechanical systems, suitable details may also support vibration and contact-noise control.

Elastomeric Rubber





Elastomeric rubber is a flexible, closed-cell synthetic rubber foam used for thermal insulation and condensation control. Trapped air within its cells and low thermal conductivity reduce heat transfer between hot and cold surfaces.

Self-Adhesive Elastomeric Rubber



Overview

Self-adhesive elastomeric rubber consists of closed-cell rubber foam with a factory-applied adhesive on one face. Removing the backing allows application to a suitable surface, making installation more orderly and practical. Low thermal conductivity and resistance to water vapour support thermal insulation and condensation control. Its flexibility suits ducts, panels and various metal surfaces, and it may help reduce vibration transfer in appropriate applications.

Technical specifications

6 mm thickness · 1000 mm width: 30 m²/roll · 1200 mm width: 36 m²/roll
9 mm thickness · 1000 mm width: 20 m²/roll · 1200 mm width: 24 m²/roll
13 mm thickness · 1000 mm width: 14 m²/roll · 1200 mm width: 16.8 m²/roll
19 mm thickness · 1000 mm width: 10 m²/roll · 1200 mm width: 12 m²/roll
25 mm thickness · 1000 mm width: 8 m²/roll · 1200 mm width: 9.6 m²/roll

32 mm thickness · 1000 mm width: 6 m²/roll · 1200 mm width: 7.2 m²/roll
50 mm thickness · 1000 mm width: 4 m²/roll · 1200 mm width: 4.8 m²/roll

Self-Adhesive Elastomeric Rubber



Selection and scope

Assess the material thickness alongside adhesive compatibility with the substrate, operating temperature and installation temperature. The bonding surface must be clean, dry, sound and free from grease for a lasting bond. Lay the material without overstretching and apply even pressure. Complete joints, corners and cut edges with compatible accessories. Additional fixing requirements for vertical and overhead applications must follow the product instructions. The adhesive's temperature limit may differ from that of the foam.

Closed-cell thermal insulation rubber does not serve the same function as open-cell sound-absorbing foam. Acoustic expectations must be verified against product data.

Applications

Suitable applications include ventilation ducts, air-conditioning and refrigeration equipment, building services surfaces, tanks and technical enclosures. It is particularly practical on flat or gently curved metal surfaces. It may also be considered for vehicle and campervan body panels, service compartments and suitable marine applications. Surface temperature, adhesive compatibility and applicable fire requirements must be considered when selecting the location.

Self-Adhesive Elastomeric Rubber



Benefits

A pre-applied adhesive can reduce the need for separate adhesive application, saving labour and installation time. It facilitates even contact and makes installation in confined areas more practical. The closed-cell structure limits heat transfer and water vapour movement, while properly finished joints support condensation control. In suitable assemblies, the resilient foam can reduce direct contact between metal components and the resulting vibration transfer.

Installation approach

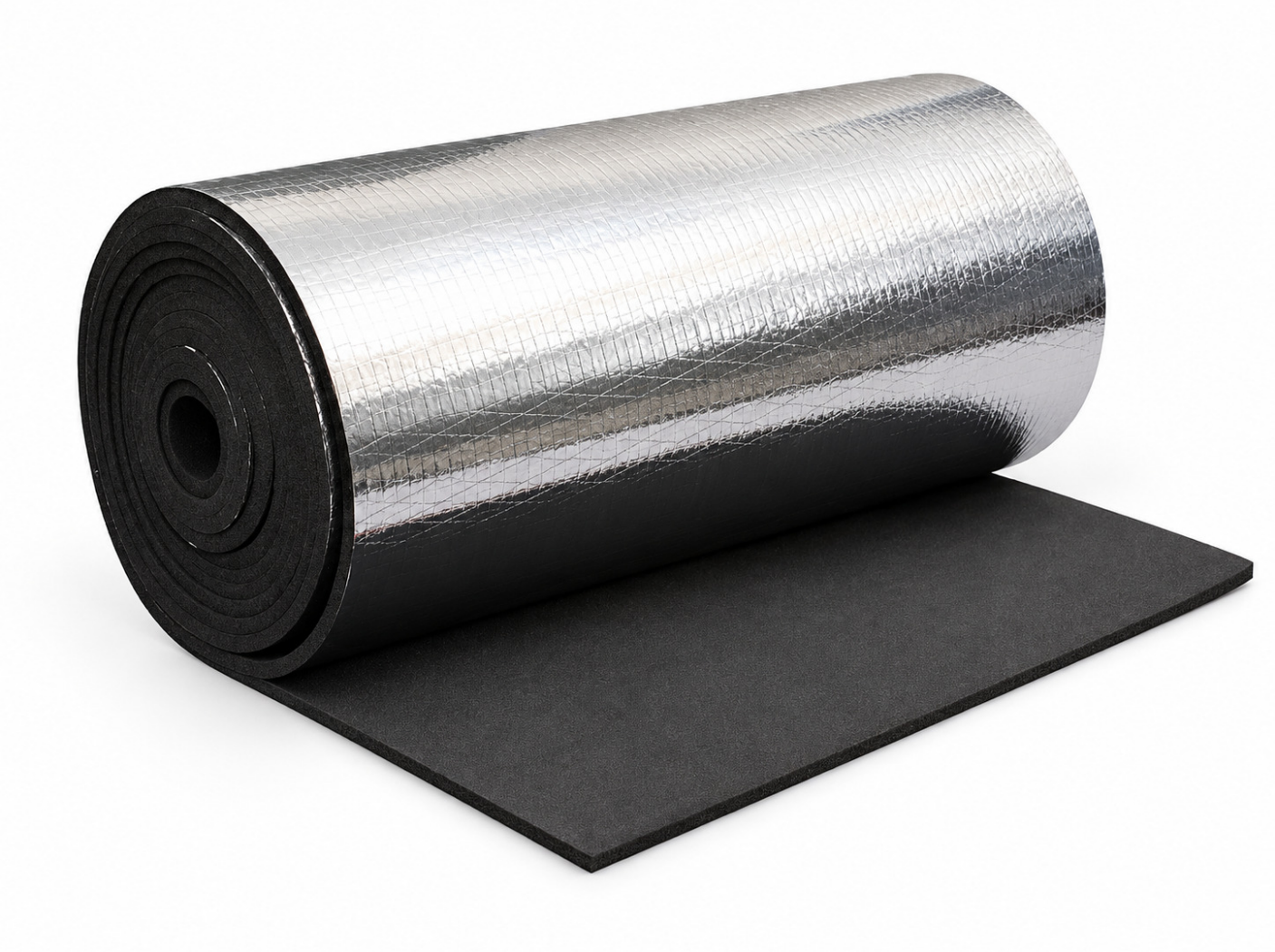
Recommending a single product before confirming dimensions, surfaces and installation conditions may not achieve the intended result. Share your application and expectations with Zoon Akustik to explore suitable options.

Project preparation

The intended use of the space, approximate dimensions, photographs of the installation surfaces and your colour or texture preferences will help us prepare a quotation.

Technical performance, fire classification and suitability for use are verified against the selected product’s current manufacturer documentation. The product name alone does not constitute a performance guarantee.

Foil-Faced Elastomeric Rubber



Overview

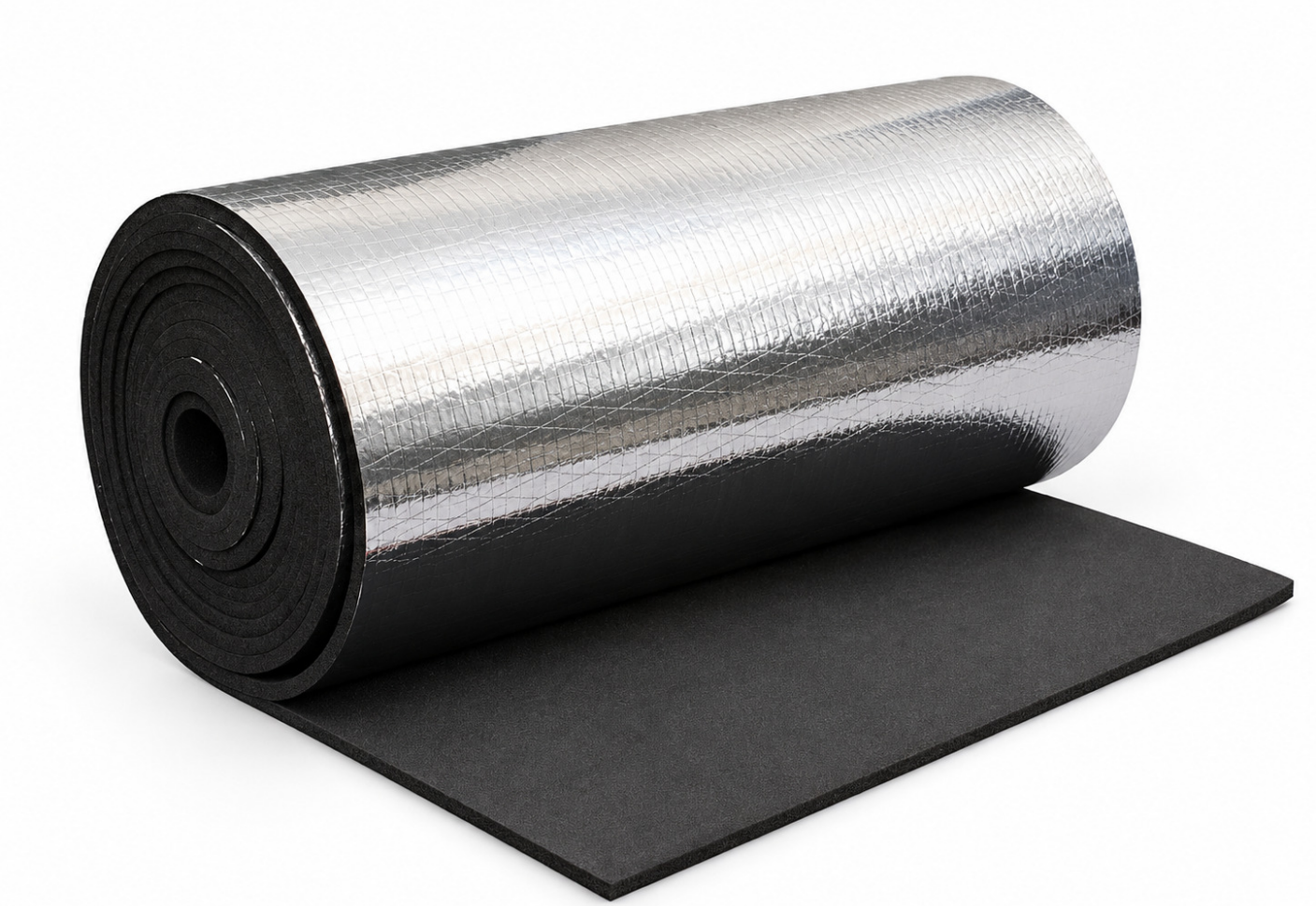
Foil-faced elastomeric rubber is made by laminating aluminium foil or reinforced foil onto the outer surface of closed-cell rubber foam. The foam reduces heat transfer and supports condensation control, while the facing provides surface protection and a neat finish. Depending on the facing specification, resistance to external conditions and UV exposure may be improved. Its flexibility allows installation on round or rectangular ducts and other equipment surfaces.

Technical specifications

6 mm thickness · 1000 mm width: 30 m²/roll · 1200 mm width: 36 m²/roll
9 mm thickness · 1000 mm width: 20 m²/roll · 1200 mm width: 24 m²/roll
13 mm thickness · 1000 mm width: 14 m²/roll · 1200 mm width: 16.8 m²/roll
19 mm thickness · 1000 mm width: 10 m²/roll · 1200 mm width: 12 m²/roll
25 mm thickness · 1000 mm width: 8 m²/roll · 1200 mm width: 9.6 m²/roll

32 mm thickness · 1000 mm width: 6 m²/roll · 1200 mm width: 7.2 m²/roll
50 mm thickness · 1000 mm width: 4 m²/roll · 1200 mm width: 4.8 m²/roll

Foil-Faced Elastomeric Rubber



Selection and scope

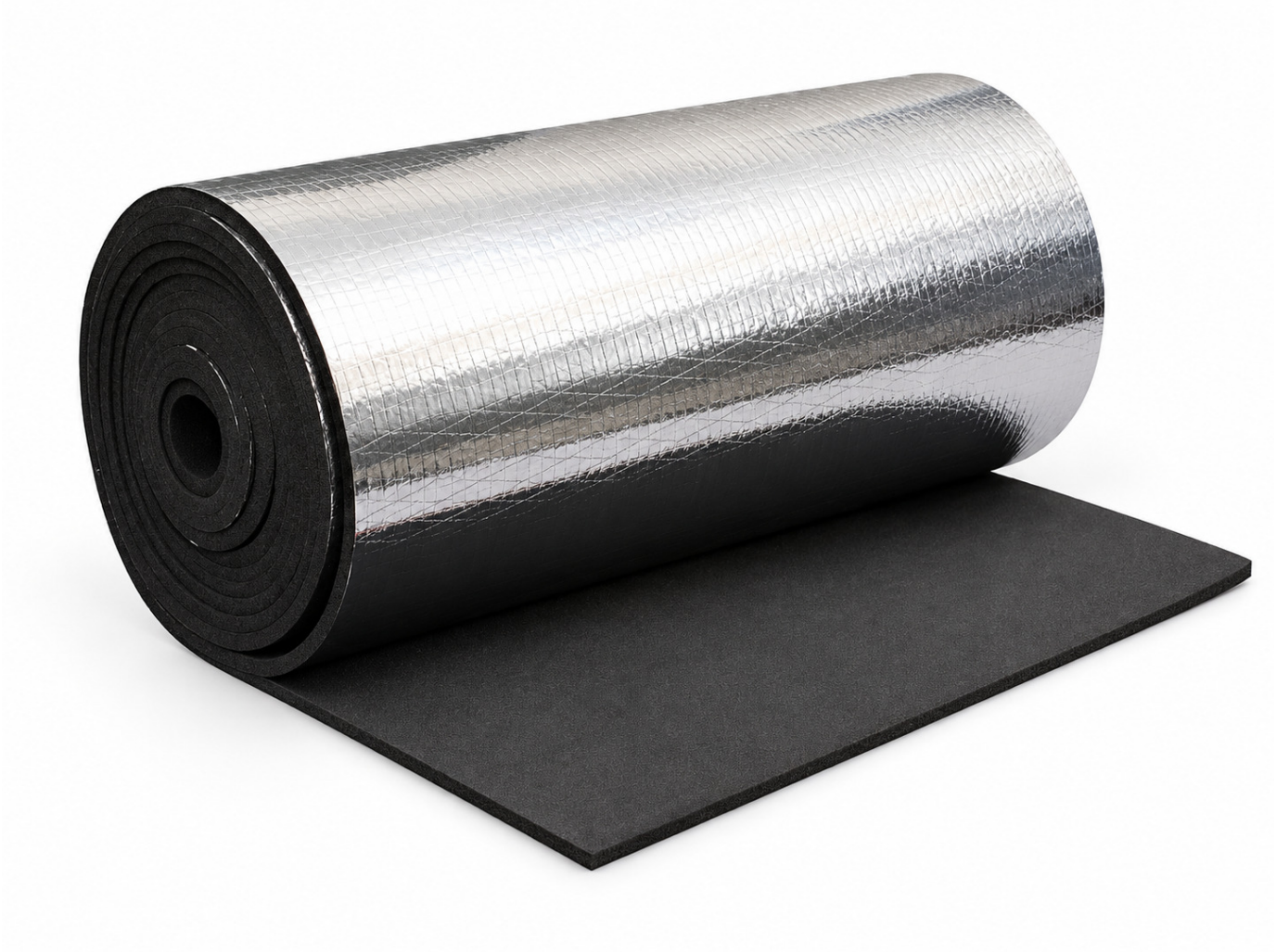
Foil construction, reinforcement and suitability for the environment matter alongside foam thickness and technical values. Outdoor facings must suit the exposure, with additional mechanical or weather protection where required. Joints and cut edges interrupting the foil surface should be completed with compatible tapes and seals. Reaction-to-fire classification must be assessed for the complete faced product, not only the foam.

Closed-cell thermal insulation rubber does not serve the same function as open-cell sound-absorbing foam. Acoustic expectations must be verified against product data.

Applications

It can be used on ventilation and air-conditioning ducts, in plant rooms, on hot and cold services, tanks and industrial equipment enclosures. It can provide a protective, neat finish on exposed services. Options for outdoor, vehicle and marine use must be checked against the relevant temperature, weather and fire requirements. It can also provide thermal insulation and condensation control on metal-clad surfaces.

Foil-Faced Elastomeric Rubber



Benefits

It combines the thermal insulation properties of rubber foam with a protective outer facing. Under suitable product and installation conditions, the foil helps shield the surface from external influences. Continuous joints support vapour control and create a neater finish on exposed services. The resilient foam follows duct and equipment surfaces and may help control vibration and contact noise in suitable systems.

Installation approach

Recommending a single product before confirming dimensions, surfaces and installation conditions may not achieve the intended result. Share your application and expectations with Zoon Akustik to explore suitable options.

Project preparation

The intended use of the space, approximate dimensions, photographs of the installation surfaces and your colour or texture preferences will help us prepare a quotation.

Technical performance, fire classification and suitability for use are verified against the selected product’s current manufacturer documentation. The product name alone does not constitute a performance guarantee.

Self-Adhesive Foil-Faced Elastomeric Rubber



Overview

Self-adhesive foil-faced elastomeric rubber is a closed-cell insulation product with a pre-applied adhesive on one side and a protective foil facing on the other. It combines the thermal insulation and condensation-control properties of rubber foam with practical installation and surface protection. The adhesive backing simplifies fitting, while the foil protects the outer surface and provides a neat appearance. Its flexibility allows it to follow different duct and metal-surface shapes.

Technical specifications

6 mm thickness · 1000 mm width: 30 m²/roll · 1200 mm width: 36 m²/roll
9 mm thickness · 1000 mm width: 20 m²/roll · 1200 mm width: 24 m²/roll
13 mm thickness · 1000 mm width: 14 m²/roll · 1200 mm width: 16.8 m²/roll
19 mm thickness · 1000 mm width: 10 m²/roll · 1200 mm width: 12 m²/roll
25 mm thickness · 1000 mm width: 8 m²/roll · 1200 mm width: 9.6 m²/roll

32 mm thickness · 1000 mm width: 6 m²/roll · 1200 mm width: 7.2 m²/roll
50 mm thickness · 1000 mm width: 4 m²/roll · 1200 mm width: 4.8 m²/roll

Self-Adhesive Foil-Faced Elastomeric Rubber



Selection and scope

Selection should consider foam thickness, the substrate receiving the adhesive and the foil facing's operating conditions together. Temperature limits for the foam, adhesive and facing must be checked separately. The surface should be clean and dry; install without overstretching and press firmly into place. Complete joints, corners and transitions with compatible tapes and sealants. Additional protection or fixing for outdoor, overhead and high-temperature applications must follow the technical instructions.

Closed-cell thermal insulation rubber does not serve the same function as open-cell sound-absorbing foam. Acoustic expectations must be verified against product data.

Applications

Suitable for air-conditioning and ventilation ducts, mechanical services surfaces, equipment cabinets, tanks and industrial technical areas. It can be selected for metal panels where easy fitting and a protective outer surface are both required. In vehicle and campervan bodies and appropriate technical compartments of ships and boats, it may provide thermal insulation, condensation control and contact-noise reduction. Each application must follow the selected product's temperature, fire and environmental specifications.

Self-Adhesive Foil-Faced Elastomeric Rubber



Benefits

The factory-applied adhesive simplifies fitting and can reduce installation time. The foil facing protects the surface and provides a clean finish on exposed services. Closed-cell foam helps limit heat transfer and water vapour movement. With the correct thickness and sealed joints, it supports condensation control. As a resilient layer in suitable systems, it may also help reduce contact vibration and associated noise.

Installation approach

Recommending a single product before confirming dimensions, surfaces and installation conditions may not achieve the intended result. Share your application and expectations with Zoon Akustik to explore suitable options.

Project preparation

The intended use of the space, approximate dimensions, photographs of the installation surfaces and your colour or texture preferences will help us prepare a quotation.

Technical performance, fire classification and suitability for use are verified against the selected product’s current manufacturer documentation. The product name alone does not constitute a performance guarantee.

Acoustic Tape



Overview

Acoustic isolation tape is an accessory that creates a resilient separating layer at junctions between building elements, helping reduce sound and vibration transmission. Between framing profiles and walls, ceilings or floors, it acts as a gasket and limits rigid surface contact. This supports the performance of the main sound insulation materials and is an important detail for reducing acoustic bridges at connections.

Technical specifications

Thickness 3 mm × width 50 mm × length 15 m
Thickness 3 mm × width 75 mm × length 15 m
Thickness 3 mm × width 100 mm × length 15 m
Thickness 5 mm × width 50 mm × length 10 m
Thickness 5 mm × width 75 mm × length 10 m

Thickness 5 mm × width 100 mm × length 10 m

Acoustic Tape



Selection and scope

Tape width, thickness and compression properties should suit the profile and junction detail. Tapes beneath framing and perimeter strips around screed must have the dimensions and resistance required by the application. Screed edge strips should be continuous to prevent direct contact with walls, columns and other fixed elements. Selecting technically documented products and maintaining tape continuity during installation supports reliable performance.

Acoustic tape does not automatically replace a sound barrier, load-bearing mount or firestop. Its intended use must be checked against the technical data sheet.

Applications

Used beneath base and perimeter tracks in plasterboard partitions, behind wall lining frames, at suitable suspended-ceiling perimeter junctions and around floating screeds. It completes sound insulation details in homes, offices, hotels, studios, meeting rooms and educational buildings. Door frames and similar junctions require gasket or tape models designed for the specific detail.

Acoustic Tape



Benefits

It accommodates minor irregularities in joint surfaces to provide more even contact. It helps limit vibration transfer between framing and the building surface and reduce insulation losses at perimeter junctions. Around screed edges, it supports separation of the floating floor from surrounding building elements. Although it is a small component, it plays an important part in maintaining the acoustic performance of the complete system.

Installation approach

Recommending a single product before confirming dimensions, surfaces and installation conditions may not achieve the intended result. Share your application and expectations with Zoon Akustik to explore suitable options.

Project preparation

The intended use of the space, approximate dimensions, photographs of the installation surfaces and your colour or texture preferences will help us prepare a quotation.

Technical performance, fire classification and suitability for use are verified against the selected product’s current manufacturer documentation. The product name alone does not constitute a performance guarantee.

Acoustic Tape



Acoustic isolation tape is an accessory that creates a resilient separating layer at junctions between building elements, helping reduce sound and vibration transmission. Between framing profiles and walls, ceilings or floors, it acts as a gasket and limits rigid surface contact.

Acoustic Isolation Clips and Mounts



Overview

Acoustic isolation clips and pads connect wall, ceiling and floor systems to the supporting structure through resilient components, reducing the transmission of structure-borne sound and vibration. Clips are used at framing connections or suspension points, while pads provide appropriate bearing and support points. This limits rigid connections between the insulation assembly and the building, helping to acoustically separate the treated surfaces.

Technical specifications

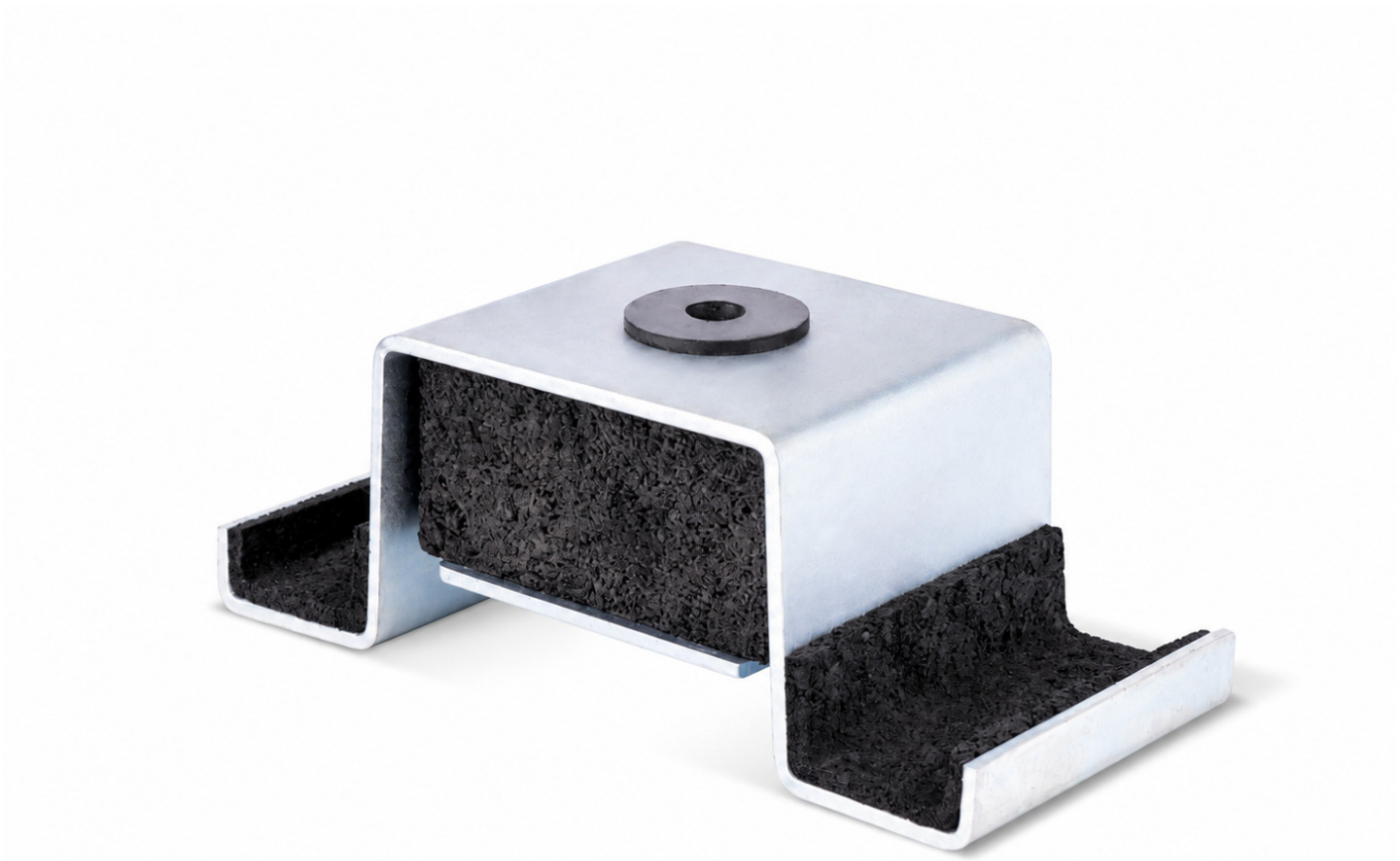
Please contact us.

Selection and scope

Selection must suit the total supported weight, load at each connection, vibration characteristics and mounting direction. The number and spacing of connections and the elastic element's working load are assessed together. In room-within-a-room installations, where walls, ceiling and floor are separated by resilient connections, all junctions-including door thresholds and service penetrations-must follow the same principle. This forms the basis of complete acoustic decoupling.

Fixings form part of the supporting system; their quantity and load rating must be specified in the installation design.

Acoustic Isolation Clips and Mounts



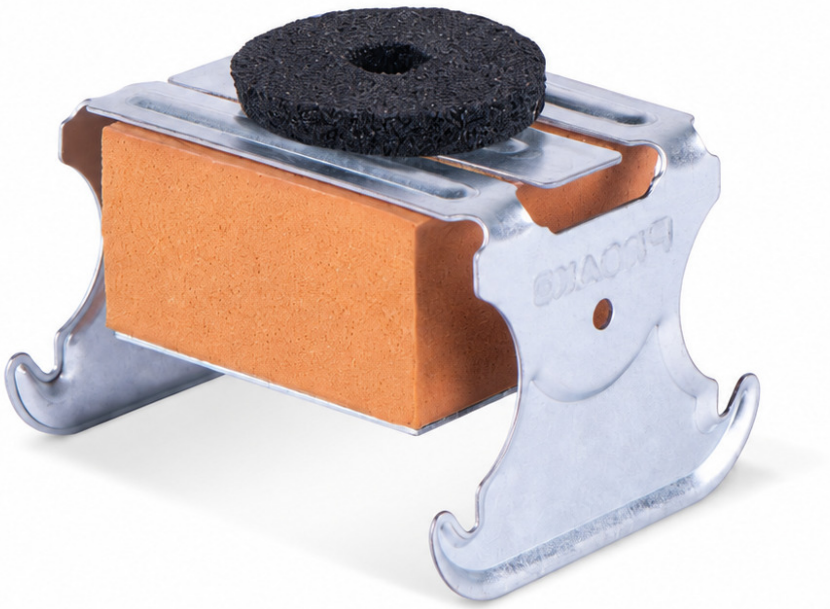
Applications

Used in recording and music studios, cinemas, rehearsal rooms, entertainment venues and special spaces requiring high levels of sound insulation. They are also selected for party-wall and ceiling treatments in homes, mechanical spaces and rooms requiring vibration protection. Machinery supports and equipment connections require vibration pads designed for the device's loads and operating characteristics.

Benefits

It helps reduce vibration that bypasses insulation layers through connection points. It supports wall linings, suspended ceilings and floating floors in achieving their intended performance. Resilient connections working within the correct load range are particularly useful for controlling structure-borne noise. By improving connection details as well as material selection, it helps reduce weak points in the insulation assembly.

Acoustic Isolation Clips and Mounts



Installation approach

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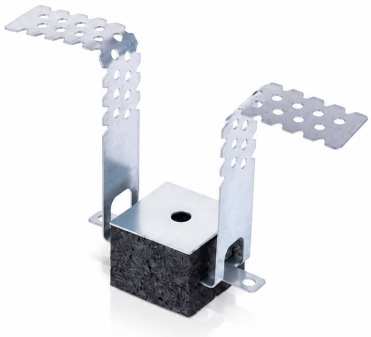
Project preparation

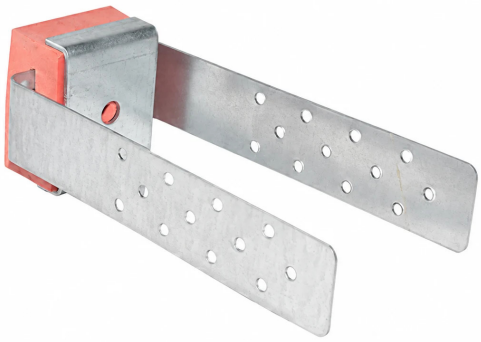
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Acoustic Isolation Clips and Mounts







Acoustic isolation clips and pads connect wall, ceiling and floor systems to the supporting structure through resilient components, reducing the transmission of structure-borne sound and vibration. Clips are used at framing connections or suspension points, while pads provide appropriate bearing and support points.

High-Solids Liquid Contact Adhesive



Overview

High-solids liquid adhesive is a rubber-based, solvent-based contact adhesive with a high solid content. It is used to bond sound insulation and acoustic treatment materials securely and flexibly to compatible surfaces. Its rubber and binder components support a durable bonding layer after application. The term ‘solids’ refers to the material remaining on the surface after the solvent evaporates.

Technical specifications

500 ml Spray Can
3 kg Metal Can
15 kg Metal Can

Selection and scope

Select the adhesive according to the material, substrate absorbency, product weight and operating temperature. For contact bonding, apply it to both the substrate and the back of the material as directed in the technical data sheet. A roller, brush or spray gun may be suitable for the product. After the specified airing time, join the surfaces and apply sufficient pressure. Test compatibility first, especially with solvent-sensitive foams; retain any mechanical fixings required for heavy materials or overhead installations.

High-Solids Liquid Contact Adhesive



Selection and scope

The name “solid-based” does not identify the solvent type or safety classification. Coverage, ventilation, waiting and curing times must be taken from the product’s technical and safety data sheets.

Applications

It can be used to install compatible acoustic foam, rebonded foam, Sungerpan, felt, rubber and certain composite insulation products. Applications include studios, mechanical spaces, acoustic booths and interior insulation. As it contains solvent, the area must be effectively ventilated and kept away from flames, sparks and other ignition sources. Use gloves and eye protection to prevent skin and eye contact, together with the respiratory protection required by the safety data sheet.

High-Solids Liquid Contact Adhesive



Benefits

With appropriate surface preparation and application quantity, it helps insulation materials bond evenly to the substrate. The rubber-based bond accommodates small surface movements and supports adhesion integrity. High solid content contributes to a sufficient binder layer. Long-term adhesion on walls and ceilings depends on the adhesive formulation, material compatibility, installation conditions and supported load together.

Installation approach

Recommending a single product before confirming dimensions, surfaces and installation conditions may not achieve the intended result. Share your application and expectations with Zoon Akustik to explore suitable options.

Project preparation

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Technical performance, fire classification and suitability for use are verified against the selected product's current manufacturer documentation. The product name alone does not constitute a performance guarantee.

Acoustic Glass and Windows



Overview

Acoustic glass and window systems reduce sound entering from outdoors or adjoining spaces while preserving daylight and visual contact. In acoustic laminated glass, a special interlayer between the glass panes helps damp vibration. Different glass thicknesses and cavity widths can be combined to reduce the effects of road traffic, vehicle horns and everyday environmental noise. Argon filling is primarily used to improve thermal insulation; the main factors determining sound insulation are the glass configuration, the cavity and the complete window assembly.

Technical specifications

Please contact us.

Selection and scope

Selection should consider the source, level and frequency characteristics of the noise. Glass thickness, the acoustic laminated interlayer, pane spacing and the combination of different pane thicknesses influence performance. Window profiles, opening-sash seals, locking arrangements and airtight wall junctions are equally important. Where possible, technical assessment should use the acoustic performance of the complete window or partition rather than the glass test result alone.

Acoustic Glass and Windows



Selection and scope

Sound insulation performance is assessed according to the selected glazing, frame system and installation details.

Applications

Used in homes, offices, hotels, educational buildings and healthcare facilities near busy streets and roads. It is also selected for recording-studio control-room windows, meeting rooms, interview booths and transparent office partitions. For projects seeking quieter spaces while preserving visual continuity, glazing, framing and junction details are designed together.

Benefits

It supports comfort for rest, work and communication by reducing the indoor impact of outdoor noise. Its transparency preserves light transmission while helping separate spaces acoustically. In internal partitions, it maintains visual contact and can improve speech privacy. With a suitable thermally insulating glazing configuration, it can provide thermal comfort alongside sound control.

Acoustic Glass and Windows

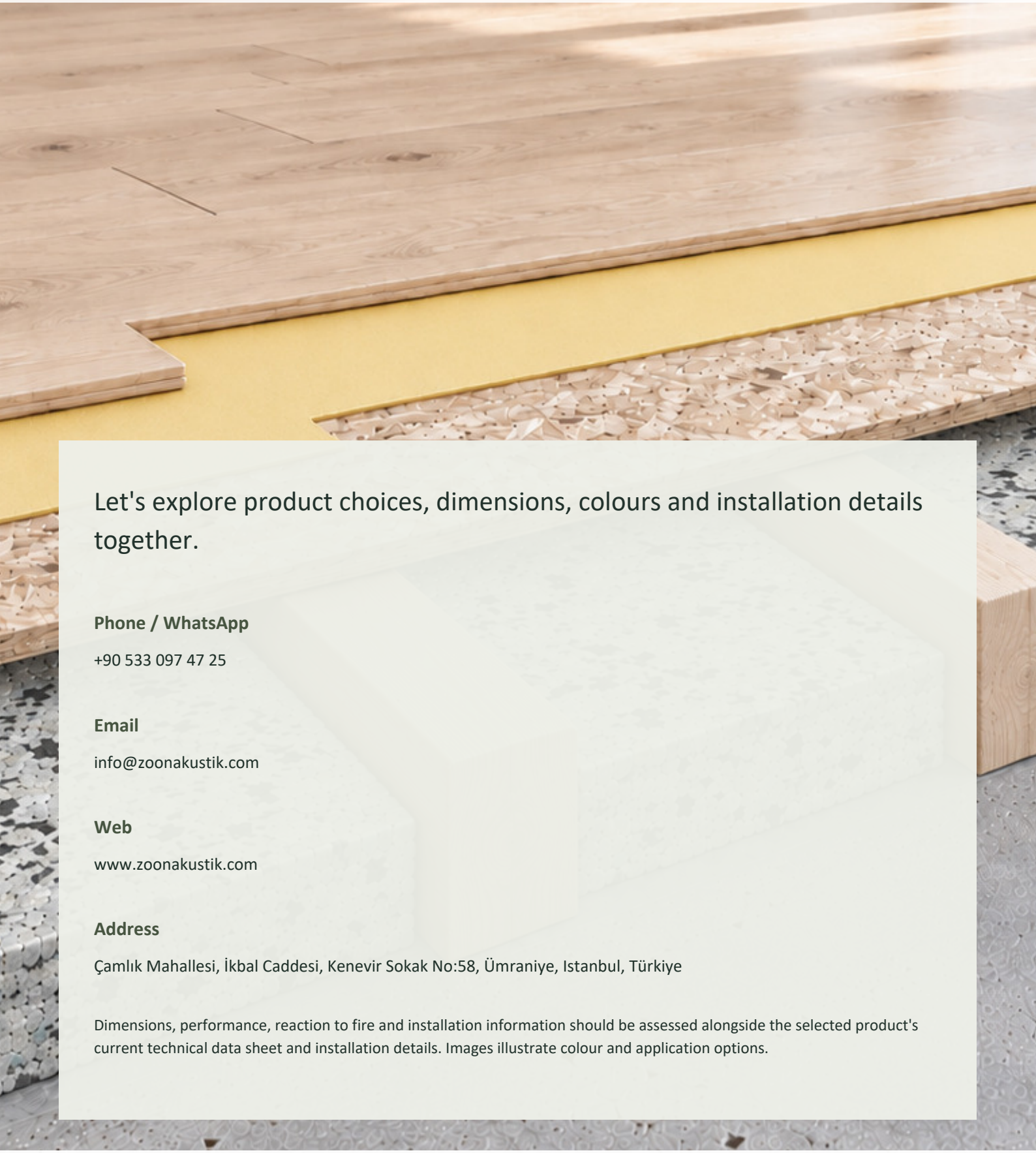






Acoustic glass and window systems reduce sound entering from outdoors or adjoining spaces while preserving daylight and visual contact. In acoustic laminated glass, a special interlayer between the glass panes helps damp vibration.

Let's shape your project together.



Let's explore product choices, dimensions, colours and installation details together.

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Dimensions, performance, reaction to fire and installation information should be assessed alongside the selected product's current technical data sheet and installation details. Images illustrate colour and application options.