

IBS Acoustic Slat Panels

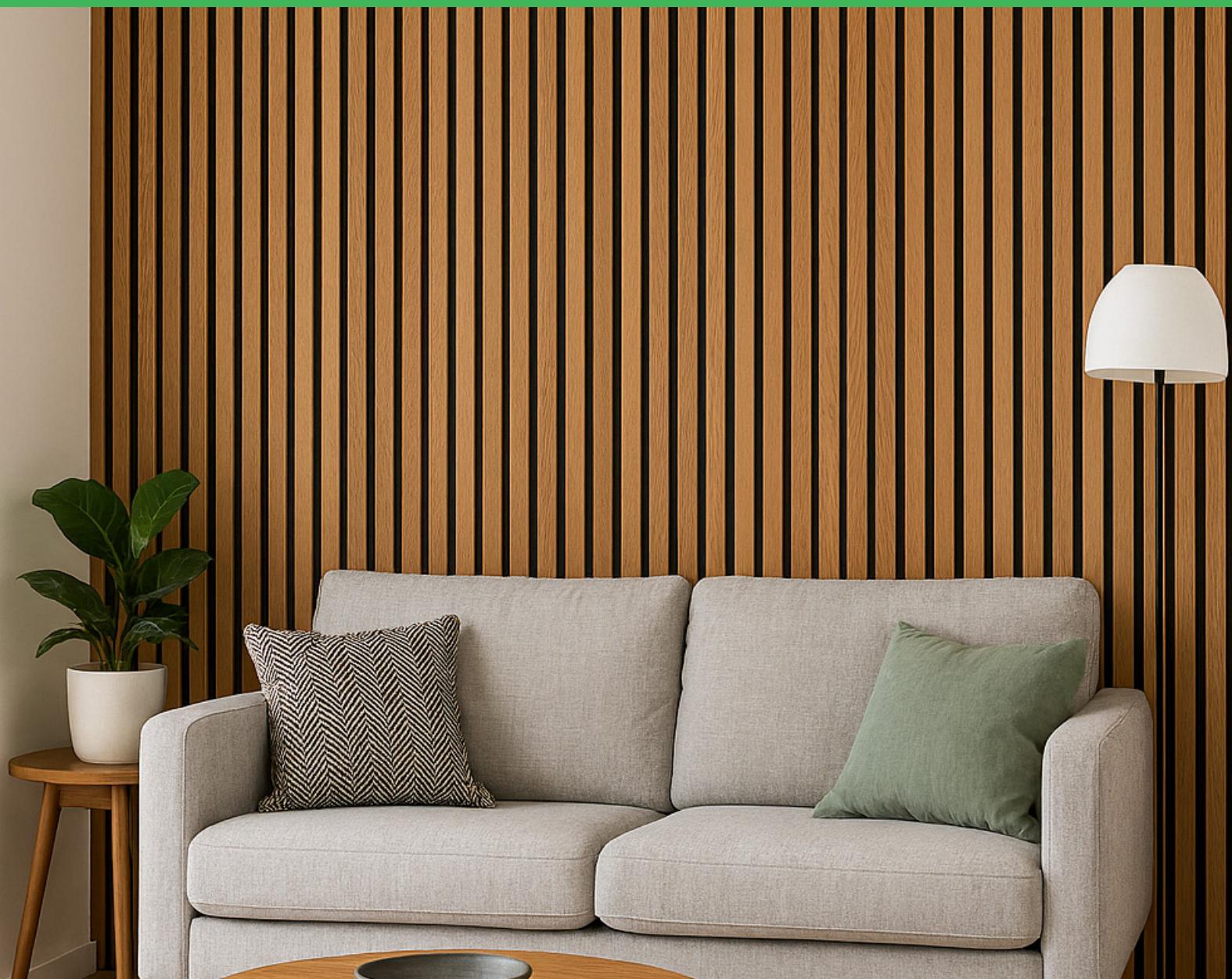
Design & Installation Guide

September 2025



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SUSTAINABLE BUILDING PRODUCTS

Welcome to Independent Building Supplies (IBS), your trusted partner in the New Zealand building industry. Since our inception in 1993, IBS has been dedicated to sourcing and providing the highest quality building materials from around the globe. As a family business with four generations active in the building industry in New Zealand, we bring a wealth of experience and a deep commitment to excellence.

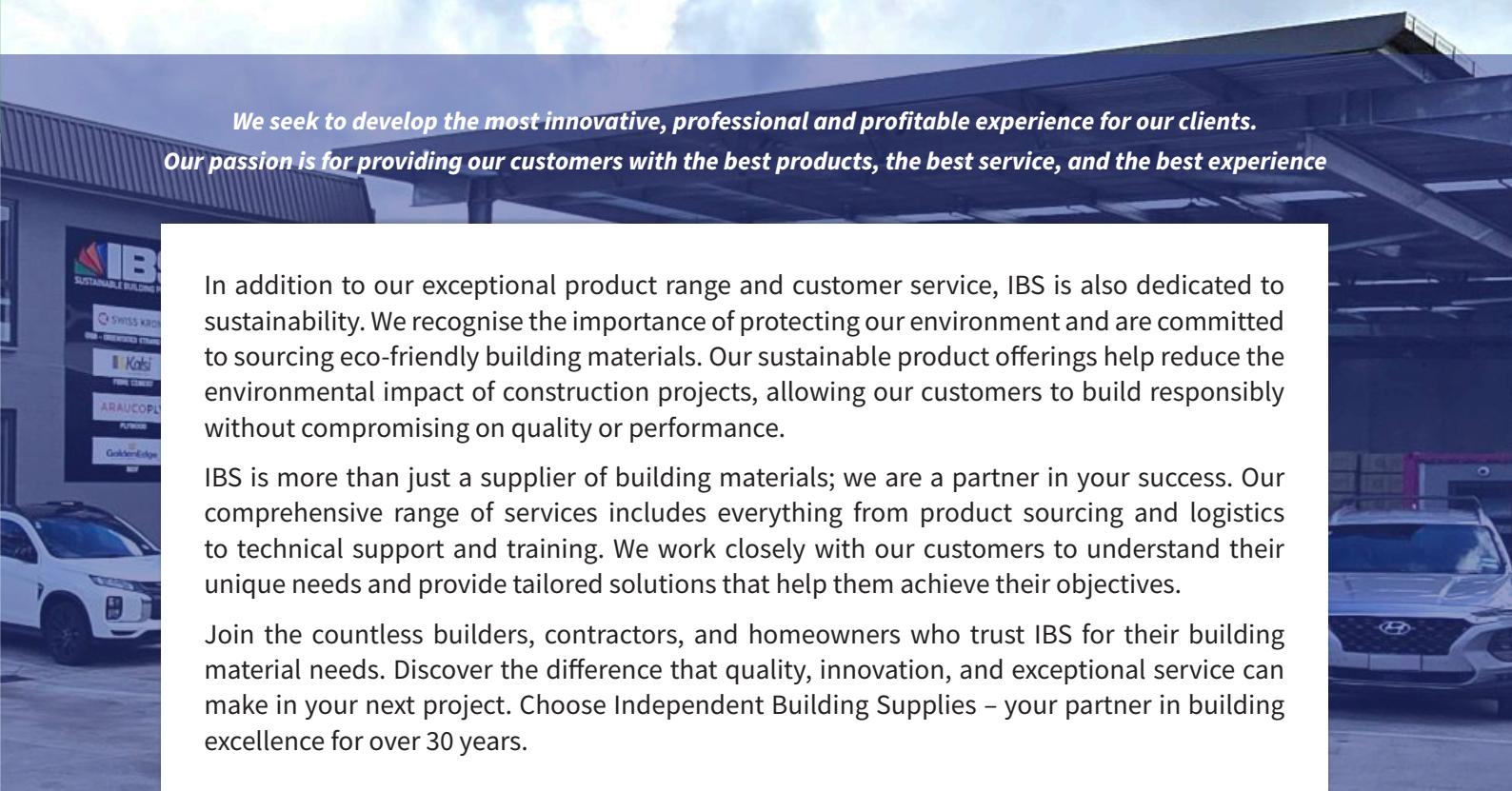
One of the key aspects that set IBS apart is our commitment to innovation. We are constantly on the lookout for new and improved building materials that can enhance the efficiency and effectiveness of construction projects. Our team of experts works closely with suppliers to bring cutting-edge products to the New Zealand market, ensuring that our customers have access to the latest advancements in building technology.

But our commitment to excellence doesn't stop at our products. At IBS, we pride ourselves on providing unparalleled customer service. Our knowledgeable and friendly team is always on hand to offer expert advice and support, helping you choose the right materials for your project.

ABOUT IBS

At IBS, we recognise that the foundation of any great building project lies in the quality of the materials used. That's why we meticulously select our suppliers, ensuring that every product meets our stringent standards for durability, performance, and sustainability. Our extensive range of offerings includes everything from plywood and panels to flooring and cladding, all tailored to meet the diverse needs of the New Zealand market.



A photograph of an IBS Building Supplies store. The building has a dark grey corrugated metal roof and a light-colored facade. A large sign on the left side of the entrance displays the IBS logo and the text 'SUSTAINABLE BUILDING MATERIALS'. Below the logo, there are several smaller brand names: 'SWISS KROH', 'Kalsi', 'ARAUCOPLY', 'PLVCOED', and 'Gedcke-Edge'. A white SUV is parked in front of the store. The sky above is bright blue with scattered white clouds.

We seek to develop the most innovative, professional and profitable experience for our clients.

Our passion is for providing our customers with the best products, the best service, and the best experience

In addition to our exceptional product range and customer service, IBS is also dedicated to sustainability. We recognise the importance of protecting our environment and are committed to sourcing eco-friendly building materials. Our sustainable product offerings help reduce the environmental impact of construction projects, allowing our customers to build responsibly without compromising on quality or performance.

IBS is more than just a supplier of building materials; we are a partner in your success. Our comprehensive range of services includes everything from product sourcing and logistics to technical support and training. We work closely with our customers to understand their unique needs and provide tailored solutions that help them achieve their objectives.

Join the countless builders, contractors, and homeowners who trust IBS for their building material needs. Discover the difference that quality, innovation, and exceptional service can make in your next project. Choose Independent Building Supplies – your partner in building excellence for over 30 years.

- **IBS RigidRAP®**
- **IBS RigidRAP®- XT**
- **IBS EUROLfloor**
- **IBS EUROLline**
- **IBS FIBRE® Range**
- **IBS Structural Ply**
- **IBS Builders Grade® Ply**
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- **IBS Decorative Ply**
- **IBS PanelLine®**
- **IBS Showerline**
- **IBS Softboard**
- **IBS Hardboard**
- **IBS Peg Board**
- **IBS Acoustic Panels**
- **IBS Mini Panels**

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Contact us for more information or to talk to our team.

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1. Introduction

This document is intended for designers and installers to ensure that IBS Acoustic Slat Panels is specified and installed correctly.

1.1 Introduction

The IBS Acoustic Slat Panels are a testament to modern design, offering a sleek and contemporary look that can transform walls and ceilings into works of art. The wooden slats provide a touch of organic warmth, while the acoustic felt backing ensures that your spaces remain peaceful and noise-free. Whether you're looking to add character to your living room, bring tranquility to your bedroom, or infuse your office with a sense of calm, these panels are up to the task.

Installation is a breeze, with a user-friendly DIY setup that allows you to bring this transformative product into your space with ease. The panels are versatile and adaptable, fitting seamlessly into various rooms, from hallways to dining areas, kitchens, and beyond. With IBS Acoustic Slat Panels, you have the freedom to customize your environment to suit your aesthetic and functional needs.

For those seeking to upgrade their existing walls and ceilings, IBS Acoustic Slat Panels offer a simple yet impactful solution. They are more than just a decorative element; they are a statement of style and a commitment to quality living.

1.2 Scope

Confirm scope

Ensure the project falls within the allowed scope and limitations for the intended use, in particular suitability of the building, treatment requirements and the structural framing support.

1.3 What is IBS Acoustic Slat Panel?

IBS Acoustic Slat Panels are prefinished slats of MDF board adhered to a specifically designed acoustic panel giving an elegant and practical solution to your wall or ceiling lining needs. These panels are not just a visual treat but also an acoustic benefit, featuring a dual-layered design that marries the natural elegance of wooden veneer slats with the innovative functionality of acoustic felt backing.

The result is a product that not only enhances the aesthetic of your space but also improves its sound quality, making it perfect for creating a serene and inviting atmosphere in your home or office.

TABLE1 - IBS Acoustic Slat Panel Product Details				
Colour	L x W x Thickness (mm)	Weight (kg)	IBS Product Code	GTIN
Black	2400 x 600 x 21	11.5	AWP21246B	09421036230345
White Oak	2400 x 600 x 21	11.5	AWP21246W	09421036230338
Black	600 x 600 x 21	2.8	AWP216B	09421036230314
White Oak	600 x 600 x 21	2.8	AWP216W	09421036230321

1.4 Benefits

- Noise reduction
- Improved sound quality
- Enhanced privacy
- Aesthetic enhancement

1.5 Intended Use

- Home theatres
- Office spaces
- Conference rooms
- Bedroom walls
- Internal dry use only

1.6 Supporting Information

This document must be read in conjunction with the:

- IBS Acoustic Slat Panels Warranty

All other information including any updates are available at www.ibs.co.nz.

2. Best Practice

2.1 Health and Safety

When installing IBS Acoustic Slat Panels take all steps to ensure your safety and the safety of others;

- Ensure that when cutting or drilling IBS Acoustic Slat Panels that there is adequate ventilation or mechanical dust extraction.
- Ensure IBS Acoustic Slat Panels are well supported when cutting or drilling the panel
- Appropriate close fit clothing shall be worn at all times.
- Wear eye, ear and footwear protection when working with IBS Acoustic Slat Panels.

2.2 Handling and Storage

Storage and handling in transport is essential for the protection of IBS Acoustic Slat Panels. The following simple principles shall be considered:

- Strapping and shrink wrap shall be removed immediately upon arrival at the installer's storage area or on site.
- IBS Acoustic Slat Panels shall be laid flat on timber bearers. The spacing between the timber shall be no more than 800mm.
- Ensure the storage bearers are in true alignment if several pallets are stacked on top of each other.
- When manually handling IBS Acoustic Slat Panels ensure the panels are lifted in the central third.

Site considerations:

- Selection of the right equipment for working from a height
- Safe working with ladders and stepladders
- Maintain a clear unobstructed work area

For further information, refer to:

- The Absolutely Essential Health and Safety Toolkit
- Worksafe New Zealand Quick Guide.

2.3 Cutting

Tools:

- Hard tipped handsaw
- Skill saw with tungsten tipped blade
- Electric drill with hole saw and high-speed drill bits

- Caulking or Sealant gun
- Masking tape for protection when cutting

To reduce chipping or damaging the face veneers on the panels, please adhere to the instructions below:

- Begin by cutting the panels on the side with slats.
- First, mark your intended cut line with a pencil (avoid using pens or permanent markers).
- After marking, apply a strip of 25mm wide masking tape from one end of the cut line to the other.
- Make sure the masking tape adheres to every part of the wooden slats.
- Re-mark the line where you plan to cut onto the tape.
- For cutting, use only a fine-toothed saw or a circular saw.
- Move the saw gently to prevent damaging the edges of the wooden slats.
- If you're using a circular saw, secure a straight edge to the panel to achieve a neat and straight cut.

2.4 Drilling

IBS Acoustic Slat Panels panels may be cut and shaped in the same way as solid wood, although carbide tipped cutters are recommended.

As the panels are to be installed in a visible location, ensure clean-cut edges with sharp tools, using a backing block to minimize break out. The feed rate shall be slower than for solid wood.

2.5 Service Penetration

Very often apertures need to be cut within a board in order to allow for penetration of services such as switchboxes, lights, access panels etc. Therefore, the following procedures would serve as general guidelines to achieve this requirement.

For smooth, clean cut circular holes:

- Mark the centre of the hole on the board.
- Pre-drill a hole to be used as a guide.
- Cut hole to the required diameter using a hole saw fitted to an electric drill where the central bit is inserted into the pre-drilled hole.

For small irregular holes:

Small rectangular apertures can be achieved by forming a series of small holes around the perimeter of the opening. Tap out with a chisel and clean up with sand paper or a rasp.

3. Durability

Below are the following conditions which need to be meet; otherwise the durability of IBS Acoustic Slat Panels will be compromised.

3.1 Compliance

IBS Acoustic Slat Panels are manufactured to meet strict industry standards, ensuring both safety and performance across a wide range of applications. Compliance with relevant building codes and best-practice guidelines is critical for achieving the intended acoustic and aesthetic results. Installers are responsible for ensuring that the panels are used in accordance with these standards, as improper handling or installation may compromise both compliance and warranty.

To minimize risk:

Use cutting tools equipped with dust extraction or suppression features whenever possible.

Ensure proper ventilation in the work area. Protect against dust exposure by wearing suitable personal protective equipment, including safety goggles, protective clothing, and an approved respirator, such as a dust mask of at least type P2.

For additional safety information, please refer to the relevant Product Data Sheet, available upon request.

3.2 Responsibility

Designers and/or contractors responsible for the intended project should follow the details and recommendations specified in this manual.

It is also wise to keep in mind that all designs and constructions should comply with appropriate and relevant requirements of current legal building codes, regulations and standards, both domestic and international.

*The information provided in this installation guideline is valid at the time of publication.

IBS reserves the right to change the information contained in this document without prior notice. It is your responsibility to ensure that you have the most up-to-date information available, including at the time of applying for a building consent.

3.3 Conditions

Prior to installation, each panel should be carefully inspected to confirm it is free from defects such as cracks, dents, warping, or veneer issues. Any panels showing signs of damage should not be installed, as this may affect both appearance and compliance with IBS standards.

Identifying and addressing defects early helps ensure that the final installation meets performance requirements and maintains the professional finish expected from IBS Acoustic Slat Panels.

3.4 Prohibited Uses

- Do not use IBS Acoustic Slat Panels in areas where the panels may get wet or damaged by moisture
- Do not use IBS Acoustic Slat Panels in areas where flames are present, such as fireplaces, or cooking spaces.

3.5 Defects

Before Installation, please ensure you check the panels for defects or damage.

3.6 Differing Installation

To ensure the warranty on the product remains valid, it is crucial to follow the design and installation guidelines provided. Failure to adhere to these instructions may result in the warranty being voided

4. Design

4.1 Check panels

Before Installation, please ensure you check the panels for defects or damage.

4.2 Panel Preparation and Inspection

Once you have cut your panel to size it's easy to install.

1. Position the panel with the slat side facing downwards on a cushioned surface to prevent any damage to the wood slats.
2. Use a high-quality construction adhesive as indicated in the accompanying table (Section 4.5)
 - a. Adhere to the glue manufacturer's guidelines for drying times before attaching the panel to the wall.

4.3 Adhesive and Fixing

3. Secure the panel to the wall using both adhesive and and screws
 - a. Adhesive Application Directly on the Panel: Affix the panel to the wall using construction or grab adhesive.
 - b. Wall Stud Screwing: Fasten the panels directly into the wall studs through the acoustic felt
 - c. IBS suggests using black screws to make the fixings less visible.

Note: Always Glue and Screws for the following applications.

1. Where multiple panels are installed vertically to achieve more height on a wall, they must be glued, and screw fixed to the wall.
2. Where panels are fixed to ceilings must also be glued, and screw fixed to the ceiling.

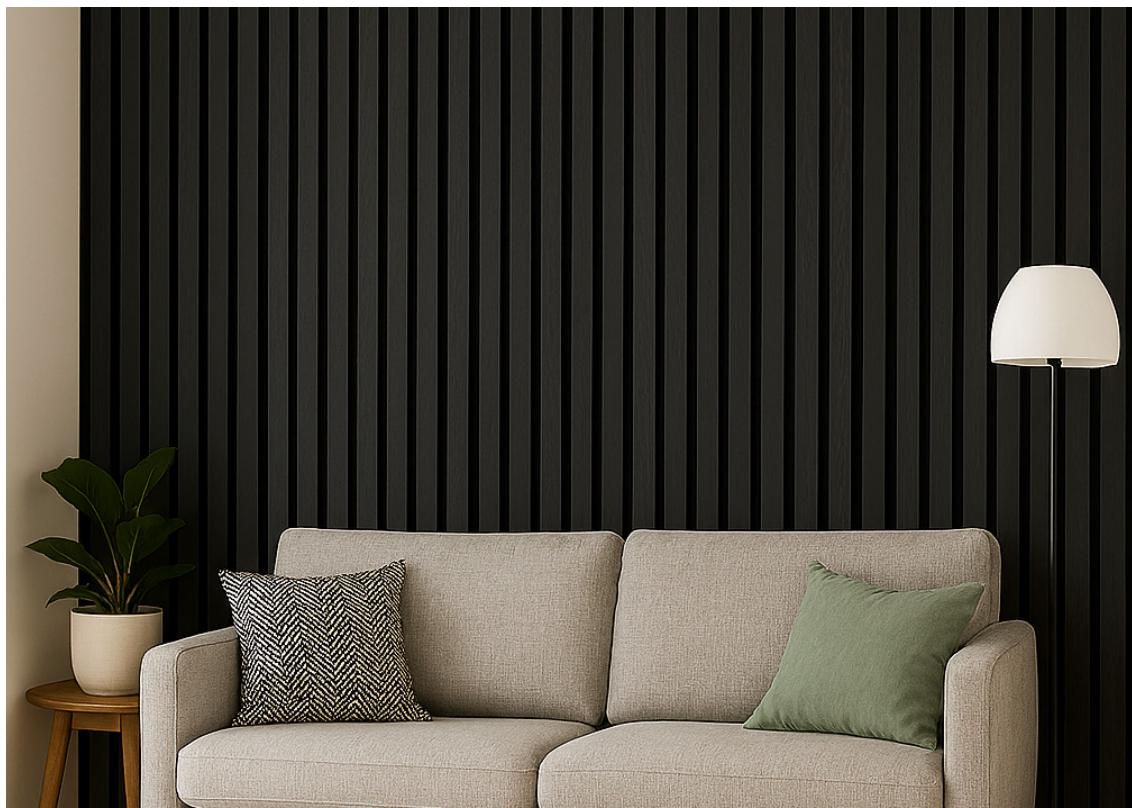
Caution: Fixing panels to ceilings requires more than one person as well as a safe platform on which to stand while installing. Please ensure the area is safe prior to installing the panels.

4.4 Fixing Spacing

Minimum Fastener Spacing from Board's Edge		Fixing Centres (mm)	
	Screws	Centres length	Centres width
Min fixing distance from board's top and bottom edge	25 mm	600	300

4.5 Type of Fasteners/Adhesive Options

Screws	Minimum Size (mm)	
Black Button Head Panels Wood Screw	40	
Adhesives		
Sikaflex®-123 MS Bond	Apply continuous beads evenly spaced over the sheets.	
Holdfast - Gorilla Grip	*Installation must follow manufacturers install guide for all adhesives.	
Bostik - Alpha Grip		
Selleys - Liquid Nails		



5. Installation

5.1 Installation

Before Installation, please ensure you check the panels for defects or damage.

Once you have cut your panel to size it's easy to install.

1. Position the panel with the slat side facing downwards on a cushioned surface to prevent any damage to the wood slats.
2. Use a high-quality construction adhesive.
 - a. Adhere to the glue manufacturer's guidelines for drying times before attaching the panel to the wall.
3. Secure the panel to the wall using both adhesive and screws.
 - a. Adhesive Application Directly on the Panel: Affix the panel to the wall using construction or grab adhesive.
 - b. Wall Stud Screwing: Fasten the panels directly into the wall studs through the acoustic felt.
 - c. IBS suggests using black screws to make the fixings less visible.

5.2 Special Considerations

Note: Always use glue and screws for the following applications.

1. Where multiple panels are installed vertically to achieve more height on a wall, they must be glued, and screw fixed to the wall.
2. Where panels are fixed to ceilings must also be glued, and screw fixed to the ceiling.

Caution: Fixing panels to ceilings requires more than one person as well as a safe platform on which to stand while installing. Please ensure the area is safe prior to installing the panels.

5.3 Fixing

- Use black 8g x 40mm Button Head Panels wood screw, fixed at 300mm centres across the width of the panel and 600mm centres along the length of the panels.
- Fix screws through the black felt.
- Do not use countersunk head screws as these will not provide the holding required to secure the felt.

6. Finishing

6.1 Preparation

Factory Finish

IBS Acoustic Slat Panels are supplied with a high-quality decorative surface that is ready to use and does not require any additional staining, painting, or sealing.

This factory-applied finish ensures a consistent appearance across all panels and eliminates the need for on-site finishing, saving both time and labour during installation.

Routine Cleaning

For general care, panels should be maintained by simply wiping down the surface with a soft, damp cloth to remove dust or light marks. If a deeper clean is required, a mild detergent diluted in water can be used to gently wipe the surface.

After cleaning, the panels should be allowed to dry naturally. To preserve the integrity and appearance of the finish, it is important to avoid abrasive cleaners, harsh chemicals, or scrubbing materials that could damage the surface.

Care Precautions

By following these simple maintenance steps, the panels will retain their aesthetic appeal and performance qualities for years to come, providing both acoustic benefits and a premium interior finish without the need for ongoing refinishing work.

7. Care & Maintenance

7.1 Care & Maintenance

Maintaining your panels after installation

IBS Acoustic Slat Panels require very little maintenance.

- Keep clean by wiping down the surfaces when they are dirty, or when dust builds on the panels.
- To remove any dust build on the felt backing, use a soft brush, or soft brush attachment on your vacuum cleaner.
- When using a vacuum cleaner, take extra care to ensure the hard edges of the vacuum pipe or fittings do not damage the edge of the wooden slats.



8. Technical Properties

8.1 Composition & Acoustic Performance

The panels feature a layer of decorative MDF slats adhered to an acoustic backing, combining visual warmth with sound attenuation. Acoustic testing rates the material as Absorption Class D, indicating moderate sound absorption properties. Panels are strictly for internal, dry areas and should not be installed in damp or wet environments.

Avoid installation near open flames or heat sources (e.g., fireplaces or cooking zones) to maintain performance and safety. Panels can be sawn and shaped similarly to solid wood, though carbide-tipped cutters are recommended for improved precision. To ensure clean, damage-free edges, always use sharp tools preferably with a backing block and maintain a slower feed rate.

IBS Acoustic Slat Panel Technical Properties

Panel Tolerances	
Property	Details
Dimensions	2400×600×21 mm or 600×600×21 mm
Weight	~10.5–11.5 kg or ~2.6–2.8 kg
Materials	MDF slats + acoustic backing
Acoustic Rating	Absorption Class D
Environment	Internal, dry spaces only
Heat Sensitivity	< 15 %
Coefficient of expansion for 1% change in wood moisture	Avoid areas near heat or flames
Tooling	Use carbide blades, backing block, slow feed

8.2 Technical Properties

In acoustics testing, The Noise Reduction Coefficient (NRC) and the Sound Absorption Average (SAA) are both measures of how well a material can absorb sound, but they differ in their calculation and application.

The NRC is a single number rating that represents the average of sound absorption coefficients of a material at specific mid-range frequencies (250, 500, 1,000, and 2,000 Hz). It is used to determine how well an acoustical product absorbs mid-range sound, which is generally thought of as the range of speech frequencies.

On the other hand, the SAA is also a single number rating, but it is calculated as the average of sound absorption coefficients across a broader range of frequencies (typically from 200 Hz to 2,500 Hz). This makes the SAA a more comprehensive measure of a material's sound absorption performance across different frequencies.

In summary, while both NRC and SAA provide an indication of a material's sound absorption capabilities and both focus on mid-range frequencies, the SAA covers additional frequencies within the range offering a more comprehensive assessment.

600mm x 600mm IBS Acoustic Slat Panel	
3200 mm x 3200 mm Wall	
Noice Reduction Coefficient	0.50
Sound Absorption Average	0.48

2400mm x 600mm IBS Acoustic Slat Panel	
3200 mm x 3200 mm Wall	
Noice Reduction Coefficient	0.50
Sound Absorption Average	0.51

9. Warranty

9.1 Warranty

Independent Building Supplies Limited (IBS) supplies sustainable building products, which when used and installed in accordance with all relevant instructions and specifications, will be fit for purpose.

As part of our commitment to performance, IBS provides a warranty in respect of IBS Acoustic Slat Panels (Product) in accordance with the following terms and conditions.

These terms and conditions must be read in conjunction with all product specific relevant and applicable technical documentation, information and guidelines published or referenced by IBS from time to time (Specifications) in relation to the Product.

1. IBS warrants that:

- 1.1 At the time of delivery to the merchant or site (where applicable) the IBS supplied Product will:
 - (a) be free from freight related defects;
 - (b) be free from defects that may have arisen through defective factory workmanship or materials; and
 - (c) conform to the performance characteristics listed on the applicable pass™ (warranted condition).
- 1.2 Once installed properly and in accordance with all appropriate Specifications the Product will continue to meet the relevant provisions of the building code as described on the applicable pass™ (warranted performance).

2. Date warranty valid:

- 2.1 IBS warrants:
 - (a) the warranted performance for 15 years from proven date of purchase or dispatch from IBS whichever date is the earlier; and
 - (b) the warranted performance for the durability period as specified by the NZ Building Code.

The durability period begins from the date the product is first installed or two months after the date of delivery, whichever is the earlier.

- 2.2 All enquiries relating to this warranty must (in the first instance) be directed to the place of purchase, the supplier or the installer.
- 2.3 By submitting a claim under the warranty, you grant IBS and its agents, consultants and contractors full rights of access, at no cost and at any reasonable time, to the relevant building to inspect the Product and the installation method for the purpose of determining the validity of the claim.

3. In the event a breach of the warranty is proven, the following applies:

- 3.1 For any valid and accepted breach of a warranty, IBS will, in its sole discretion, either:
 - (a) repair, replace or rectify the defective Product; or
 - (b) refund the purchase price of the defective Product. Where applicable the value will be reduced pro-rata, based on the remaining life of the Product (as set by the relevant durability requirements of the NZ Building Code).
- 3.2 Any action taken by IBS in satisfaction of a warranty claim shall constitute full and final settlement of all claims and IBS's total liability related to a breach of the warranty is limited to the direct cost to IBS of performing either of the above options.
- 3.3 IBS reserves the right to supply other comparable materials or products should the warranted Product no longer be supplied by IBS.

4. This warranty is subject to the following:

- 4.1 Receipt of evidence of the date of purchase of the Product.
- 4.2 Evidence satisfactory to IBS of failure of the Product.
- 4.3 Receipt of a written claim from the claimant either within 30 days of when the defect or failure of the Product would have become reasonably apparent or, if the defect was reasonably apparent prior to installation, then the claim must be made prior to installation.
- 4.4 The claim must include full details of the alleged defect in the Product.

- 4.5 Evidence satisfactory to IBS that all design, storage, transport, installation and maintenance requirements for the Product have been met or carried out in accordance with the Specifications and in terms of best building practice and the building code.
- 4.6 The warranty does not cover failure or problems caused by defective use, failure relating to improper design of the project structure, structural failure, settlement, movement of materials to which the Product is attached or dependent on, acts of God including but not limited to earthquakes, cyclones, floods or other severe weather conditions, inadequate maintenance, growth of mould, mildew, fungi, bacteria or any organism on any Product, or acts or omissions of a third party over whom IBS has no control.
- 4.7 The warranty does not cover failure or loss arising from the failure to follow all relevant IBS advice and requirements or failure to adhere to the Specifications.
- 4.8 Normal wear and tear, including non- performance related changes, are excluded from this warranty.
- 4.9 All relevant information relating to the Specifications is uncontrolled in printed format and is available from IBS (refer to www.ibs.co.nz).

5. Limitations

- 5.1 IBS will not be liable for a warranty claim unless:
the use of the Product meets the installation, storage, transport, use and maintenance requirements and Specifications in respect of the Product and the customer is responsible to ensure these are received and understood; and (b) the claim procedure set out in these terms is correctly followed and the required information is provided.

- 5.2 IBS will in no circumstances be liable for:
- (a) any damage or loss caused by a person other than IBS, or by any other factor outside IBS's reasonable control, including without limitation fire, moisture, lightning, liquid, strike or lockout, chemicals, insects or animal;
 - (b) any damage or loss caused or contributed to by incorrect or improper use or a failure to comply with all Specifications and all applicable building codes, regulations and legislation;
 - (c) neglect, abuse, misuse, growth of mould/ mildew/fungi/bacteria or other organism; or
 - (d) any direct or indirect loss, or consequential loss or damage, of any kind.
- 5.3 All warranties, conditions, liabilities and obligations implied by law or custom (other than the warranties in these terms) are excluded to the fullest extent permitted by law, and without limitation, where the Product is provided for the purposes of trade, the provisions of the Consumer Guarantees Act 1993 shall not apply.
- 5.4 Except as provided in these terms, IBS will not be liable (under legislation, contract, tort, or otherwise including in equity) in respect of any defects in the Product or for any other cost, expense or liability caused by or related to the use of the Product.

11. Additional Resources

11.1 Additional Information

For additional information of IBS Acoustic Slat Panels refer to:

- IBS Acoustic Slat Panels Warranty
- www.ibs.co.nz
- 0800 367 759

11.2 Designing outside of scope

If you're designing or installing a product that deviates from these specifications or the guidelines in this design and install guide, please note that this will void any warranty claims unless specifically approved by IBS prior to any works starting.



12. Frequently Asked Questions

Q. What are IBS Acoustic Slat Panels made from?

- A. They are constructed from MDF slats bonded to an acoustic felt backing, combining a decorative timber look with sound-absorbing properties.

Q. Do the panels need to be painted or stained?

- A. No. The panels are pre-finished with a decorative surface and require no additional staining, painting, or sealing.

Q. Where can these panels be installed?

- A. They are designed for internal, dry environments such as living rooms, bedrooms, offices, reception areas, and hallways. They are not suitable for wet areas like bathrooms or outdoor use.

Q. What acoustic performance do the panels provide?

- A. The panels achieve Absorption Class D, which helps reduce noise and improve acoustic comfort in interior spaces.

Q. How should the panels be cleaned?

- A. Simply wipe them with a soft, damp cloth. For deeper cleaning, use a mild detergent solution and allow to dry naturally. Avoid abrasive cleaners or harsh chemicals.

Q. How are the panels fixed to walls or ceilings?

- A. Panels can be installed using screws and adhesives, depending on the substrate and application. Refer to the IBS Installation Guide for full fixing instructions.

13. Limitations

When specifying and installing IBS Acoustic Slat Panels, the IBS Acoustic Slat Panel Installation Guide must be followed in full to ensure correct performance and longevity.

- Panels should only be installed in internal, dry areas. Avoid areas with high humidity or direct exposure to water, as excessive moisture may compromise both acoustic performance and the decorative finish.
- Wall or ceiling substrates must be flat, level, and structurally sound. Stud centres should not exceed 300 mm to provide adequate support and prevent bowing or uneven surfaces.
- Panels must not be installed near direct heat sources, open flames, or areas prone to thermal stress, as this may damage the decorative finish and affect performance.
- Fixings and adhesives used must be compatible with IBS Acoustic Slat Panels and the substrate. Follow manufacturer recommendations and the installation guide for adhesive selection and screw types.

Critical installation areas should be assessed before and during fitting to ensure panels are mounted correctly, remain within specified tolerances, and achieve the expected acoustic and aesthetic results.

IMPORTANT NOTES

All sections of the installation checklist should be completed to ensure a problem-free installation and long-term durability.

Careful adherence to technical specification literature is essential. Variations from the guide should be approved by the relevant building authority before proceeding.

The information in this document is current as of August 2025 and may be updated. It is the installer's responsibility to confirm they are using the most recent guidance.

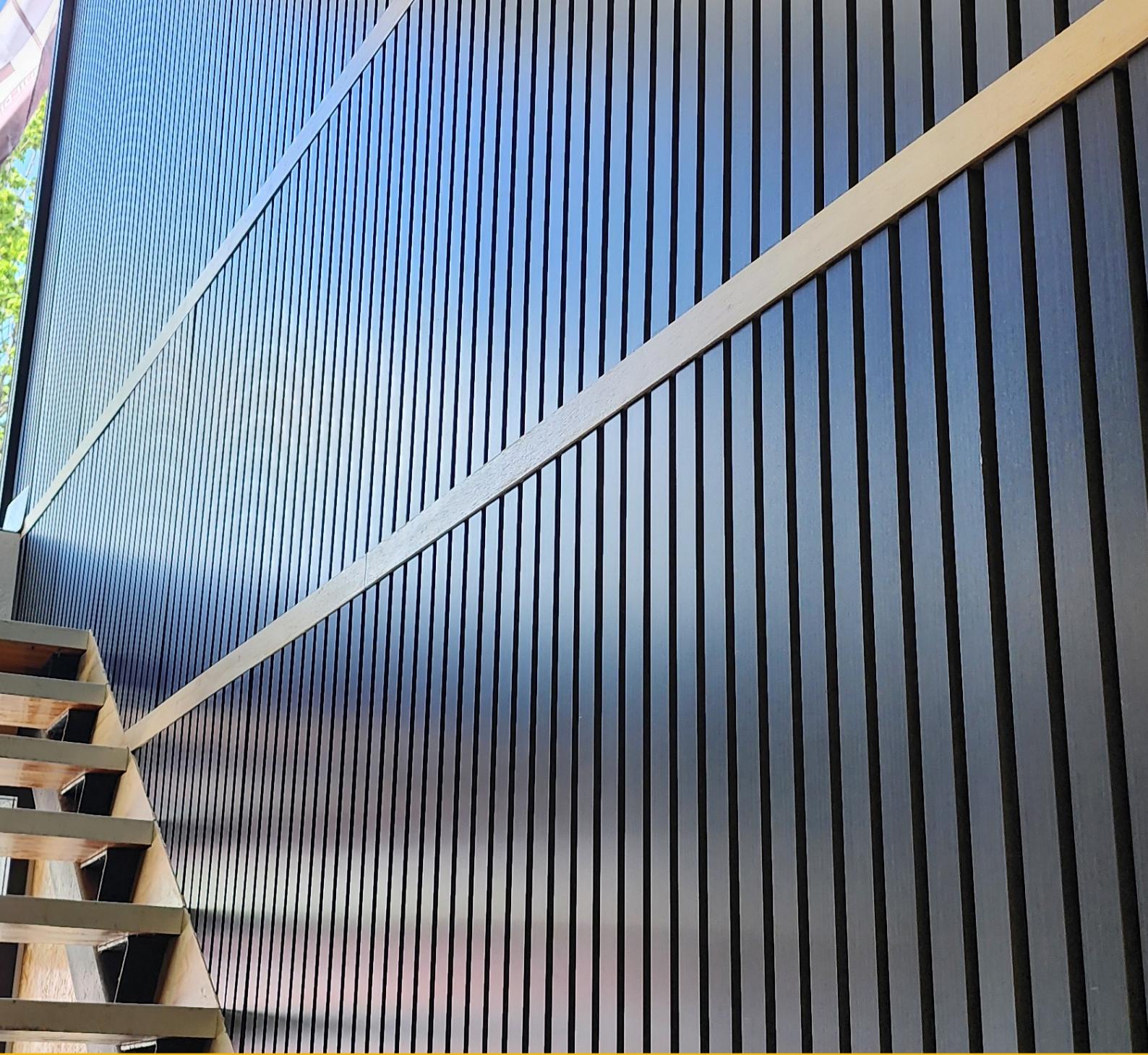
IBS assumes no responsibility for inaccuracies or omissions, nor for actions taken based on this information beyond the maximum extent permitted by law.

14. Installation checklist

The below installation areas are considered critical to the successful installation of IBS Acoustic Slat Panels.

Items to be checked		✓ Tick <input type="checkbox"/>	Notes
1. Pre-Installation Checks			
1	Confirm panels are for internal, dry areas only.	<input type="checkbox"/>	
2	Inspect all panels for damage, warping, or defects.	<input type="checkbox"/>	
3	Ensure substrate is flat, level, and structurally sound.	<input type="checkbox"/>	
4	Verify stud spacing does not exceed 300 mm centres.	<input type="checkbox"/>	
2. Handling and Storage			
5	Store panels flat on timber bearers, protected from moisture and heat.	<input type="checkbox"/>	
6	Avoid stacking unevenly or applying pressure to edges.	<input type="checkbox"/>	
7	Handle panels from the central third to prevent edge damage.	<input type="checkbox"/>	
3. Cutting and Drilling			
8	Trim the sheets to the correct size as needed.	<input type="checkbox"/>	
9	Always follow safety guidelines for dust and debris control.	<input type="checkbox"/>	
4. Installation			
10	Avoid installing near direct heat sources or high humidity areas.	<input type="checkbox"/>	
11	Maintain consistent panel spacing and alignment.	<input type="checkbox"/>	
5. Board Fixing			
12	Fix boards firmly to the framing, ensuring they are properly aligned and spaced.	<input type="checkbox"/>	

Notes:



IBS Acoustic Slat Panel

Design & Installation Guide



September 2025

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