



Exposed

Issued: December 2022



save
B O A R D

saveBOARD Exposed

What is saveBOARD?

saveBOARD Exposed pre-finished interior lining is a unique structural composite panel made from 100% upcycled materials.

The core of the product is made from shredded and compressed composite packaging, giving the user a sustainable and superior performing product.

saveBOARD does not use glues, resins or other such biological or environmentally harmful products. During construction, or in-service use saveBOARD does not create harmful dusts, vapours, or other potentially harmful Volatile Organic Compounds (VOC's) .

The saveBOARD construction boards are semi-vapour permeable, durable wall and roofing products. The product is designed for use with timber or steel framing and is finished with a transparent film on the top surface and a recycled facing paper on the bottom surface.

Using saveBOARD reduces embodied energy by -2.7 kgCO₂ eq/sqm. This is a significant climate change benefit compared to traditional building materials which add carbon to a building.

saveBOARD Exposed pre-finished interior lining is manufactured in New Zealand for exclusive use in New Zealand & Australia. Please refer to the saveBOARD Exposed pre-finished interior lining Technical Statement for compliance with relevant performance clauses of New Zealand & Australian Building Codes / Permits.

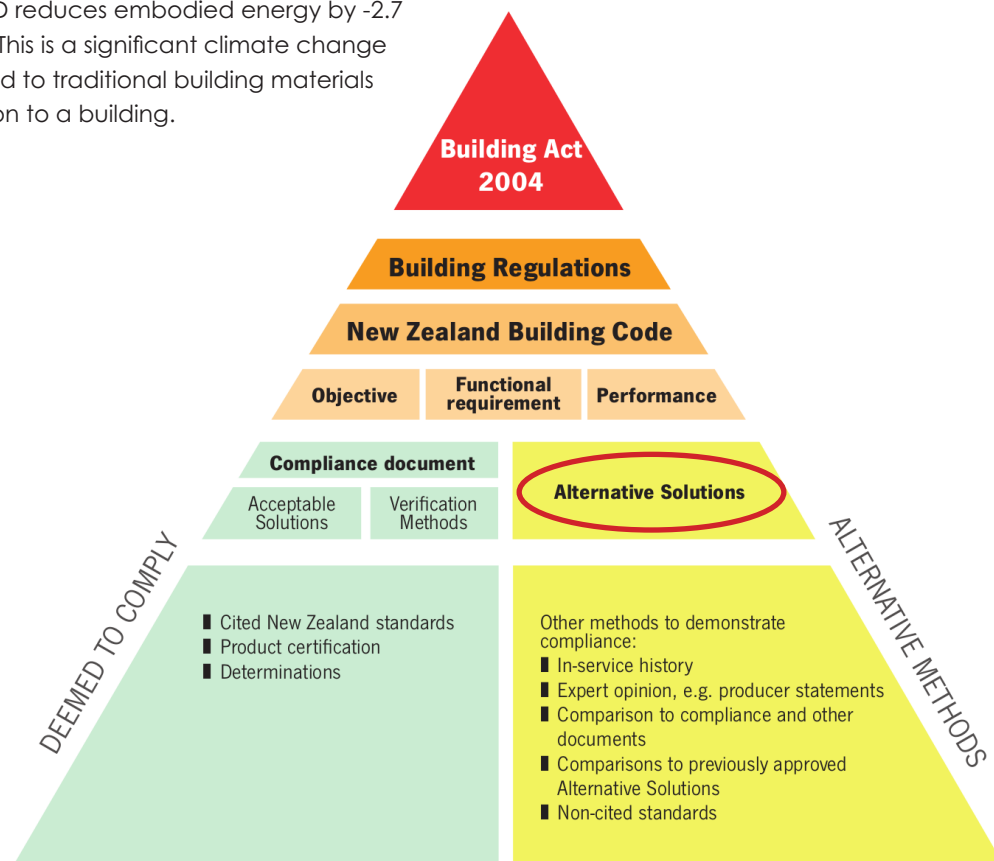
saveBOARD Exposed pre-finished interior lining may be overlaid on self-supporting product/structure and can be used for the verified specified uses.

What is saveBOARD's scope of use?

saveBOARD Exposed pre-finished interior lining fit for use in NZ by an Engineering Statement for NZBC compliance including specific Structural testing by Scion laboratories.

How does saveBOARD demonstrate compliance with NZBC?

saveBOARD Wall and Roofing substrate is as an **Alternative Solution Product**.



Primary NZ Compliance Evidence

NZBC Compliance Appraisal – Compliance Statements (NZ)

- saveBOARD Exposed pre-finished interior lining is supported by a Compliance Statement.

Please refer to the saveBOARD technical support literature, NZBC Compliance Appraisals and product test information available on the saveBOARD website.

NZ - Expert Analysis and Testing – July 2021 – Still Current

- saveBOARD has been independently appraised against NZBC compliance.
- saveBOARD has been independently tested by a leading NZ recognised research Laboratories - SCION.

Support Compliance Evidence

In-service History

- The saveBOARD product has been successfully used in the US for over 12 years.

US - Expert Analysis and Testing 2015 – Current

- saveBOARD has been independently tested and verified to internationally recognised standards by accredited testing laboratories in the US.
- saveBOARD has achieved compliance with the International Building Code for use in the US as an internal wall and ceiling lining.

NZBC Compliance Appraisal Notes

An NZBC Compliance Appraisal is a technical opinion of a building product or system's fitness for purpose. It involves extensive testing and verification of Building Code compliance and is done by an independent appraisal organisation. (Such as Chartered Engineer or Accredited Testing Laboratory).

An appraisal looks at any specific installation systems or processes. It recognises limitation on a product's intended scope of use.

Appraisals have no legal standing. However, they can form a useful part of your evidence of compliance.

Products are assessed against a wide range of performance factors. These include:

- the requirements of the Building Code
- performance under test conditions
- in-service performance
- accuracy of the product's technical information
- manufacturing procedures and quality control systems.

Appraisal organisations

An appraisal organisation should be independent of the product's manufacturer or distributor.

It should have:

- thorough and validated testing procedures (for example, its processes are reviewed by a third party)
- suitably qualified staff (such as engineers and research scientists).

The organisation should also carry out or require:

- regular inspections to ensure the product conforms during manufacture
- regular inspections to ensure the product conforms when in use
- knowledge of the Building Code and building science.

You can use an appraisal organisation from outside New Zealand. However, the product needs to be assessed against the New Zealand Building Code.

Ref - <https://www.building.govt.nz/building-code-compliance/product-assurance-and-multiproof/product-assurance/your-product-and-the-law/>

saveBOARD INTERNAL LINING AND WALL BRACING

PURPOSE

Upcycled Building Materials Limited manufacture and supply saveBOARD building products for use as an internal wall and ceiling lining. It is also intended for use as a ceiling diaphragm and to provide wall bracing.

EXPLANATION

saveBOARD is a structural composite panel manufactured from shredded and compressed composite packaging. The panels are supplied in two face finishes, paper-faced and exposed. The paper-faced panel has a recycled paper on the finished face while the exposed has a clear LDPE plastic transparent film on the finished face.

Both boards are 1200 mm in width and supplied in two thicknesses: 10 mm and 12 mm, and three lengths: 2400, 2700, 3000 mm. The paper-faced panel may be painted, wallpapered, or be used as a tile substrate; as for plasterboard. The exposed panel is designed to be left in its natural state and requires no other finishing.

saveBOARD is manufactured from 100% recycled materials diverted from landfill, and all offcuts and waste may be reused as feedstock for new product.



For further assistance please contact:



paul@saveboard.nz

www.saveboard.nz



SCOPE AND LIMITATIONS OF USE

Scope	Limitations
Location	
In wind zones up to and including extra high as defined in NZS 3604:2011.	
In earthquake zones as defined in NZS 3604:2011.	
Building	
In conjunction with timber or lightweight steel framing that complies with the NZ Building Code or where the designer and/or installer have established that the existing framing is suitable for the intended building work.	
On timber or lightweight steel framing.	➤ Where installed over steel framing, a thermal break is required.
As an internal wall and partition lining.	➤ Where paper-faced panels are installed in a wet area, a protective coating must be applied. ➤ saveBOARD should only be used where material group number 3 applies.
As a wall bracing element.	➤ Installation must be in accordance with Scion P21 test assembly and Upcycled Building Materials Limited installation requirements. ➤ saveBOARD 10 mm must be used.

CONDITIONS OF USE

Upcycled Building Materials Limited do not allow any substitution of the assembly or assembly components where saveBOARD Paperfaced or Exposed has been designed and specified.

PERFORMANCE CLAIMS

If designed, installed and maintained in accordance with all Upcycled Building Materials Limited requirements, the saveBOARD will comply with or contribute to compliance with the following performance claims:

NZ Building Code clauses	Compliance statement	BASIS OF COMPLIANCE Demonstrated by
B1 STRUCTURE	VERIFICATION METHOD	➤ P21 wall bracing [Scion: 18/09/2020a, 18/09/2020b]. ➤ TBB product performance evaluation for use as an internal lining or bracing element [TBB, 11/2021].
B1.3.1, B1.3.2, B1.3.3 (a, b, c, e, f, i, j, l, m, o, r)	and	
B1.3.4 (a, b, c, d, e)	ALTERNATIVE SOLUTION	➤ Bending stiffness and strength test to AS/NZS 2269.1:2012 [Scion, 08/2021].

USEFUL INFORMATION

For information on the design, installation and maintenance of saveBOARD and for our warranty refer to www.saveboard.nz.

NZ Building Code clauses	Compliance statement	BASIS OF COMPLIANCE Demonstrated by
		› Compression indentation testing to ASTM D2394-83 [Intertek, 26/11/2013]. › Testing to ASTM E2126 and CUREE protocol and ASTM D3043 for performance under lateral load, lateral shear load and centre point flexure load to determine bending stiffness, flexural modulus and rupture modulus [DrJ, 18/12/2013]. › Flexural capacity (three point bending) evaluation to ASTM D3043 [Auckland UniServices Ltd, n.d.].
B2 DURABILITY B2.3.1 (a), B2.3.2 (a)	ALTERNATIVE SOLUTION	› TBB product performance evaluation for use as an internal lining or bracing element [TBB, 11/2021]. › Water vapour transmission and permeance tested to E96-16 [Intertek, 30/05/2018]. › Tested to ASTM D2373-12 for resistance to growth of mould [Intertek, 29/07/2013].
E3 INTERNAL MOISTURE E3.3.1, E3.3.4, E3.3.5	ACCEPTABLE SOLUTION	› Water vapour transmission and permeance tested to E96-16 [Intertek, 30/05/2018]. › TBB product performance evaluation for use as an internal lining or bracing element [TBB, 11/2021]. › Tested to ASTM D2373-12 for resistance to growth of mould [Intertek, 29/07/2013]. › Sustainable Engineering ASHRAE 160P Hygrothermal modelling / mould growth (Sept 2020).
F2 HAZARDOUS BUILDING MATERIALS F2.3.1	ALTERNATIVE SOLUTION	› VOC and formaldehyde testing to ASTM D5116:2017 [CETEC: 26/08/2021a, 26/08/2021b]. › TBB product performance evaluation for use as an internal lining or bracing element [TBB, 11/2021].
H1 ENERGY EFFICIENCY H1.3.1	ACCEPTABLE SOLUTION	› Thermal conductivity tested to ASTM C518 [Intertek, 02/2012].

SOURCES OF INFORMATION

- › Auckland UniServices Ltd. [n.d.] *Evaluation of the flexural capacity of ReWall products* (three point bending).
- › CETEC. [26/08/2021a] *ASTM D5116-2017 Standard Guide for Small-Scale Environmental Chamber Determinations of Organic Emissions from Indoor Material/Products*. VOC Emission Test Certificate.
- › CETEC. [26/08/2021b] *ASTM D5116-2017 Standard Guide for Small-Scale Environmental Chamber Determinations of Organic Emissions from Indoor Material/Products*. VOC Emission Test Certificate.
- › DrJ. [18/12/2013] *Technical Evaluation Report*. TER No. 1202-02.
- › Intertek. [29/07/2013] *Test Report*. Report number 101207581COL-001.
- › Intertek. [26/11/2013] *Test Report*. Report number 101416039MID-001.
- › Intertek. [30/05/2018] *Test Report. Testing Halfback Roofing Board to Evaluate Water Vapour Transmission and Permeance in accordance with ASTM E96-16 (Procedure B)*. Document control no. ATI 00231.
- › Scion. [18/09/2020a] *P21:2010 1200mm x 2.4m 10mm Saveboard with brackets (single wall)*.
- › Scion. [18/09/2020b] *P21:2010 1200mm x 2.4m 10mm Saveboard without brackets*.
- › Scion. [08/2021] *Bending stiffness and strength tests on 12mm saveBOARD*.
- › Scion. [28/09/2021] *Screw head pull through Testing TE21-007 on 12mm saveBOARD*.

- › TBB. [11/2021] *Product Performance Evaluation of saveBOARD where used as an internal lining or bracing element*.



**SCAN OR CLICK THIS QR CODE
FOR A FULL DOWNLOAD OF
COMPLIANCE DOCUMENTATION
FOR THIS PASS™.**

www.saveboard.nz



1. Where a standard is referenced it is to be read as amended by the acceptable solution or verification method as applicable.
2. Sources of information also include the Building Act 2004 and its regulations, including the Building Code (Schedule 1 of the Building Regulations 1992), Acceptable Solutions and Verification Methods, and relevant cited standards.

Upcycled Building Materials Limited confirms that if saveBOARD is used in accordance with the requirements of this pass™ the product will comply with the Building Code and other performance claims set out in this pass™ and the company has met all of its obligations under s14 G of the Building Act.

Date of first issue:

Date of current issue:

NZBN:

Kevin Brunton

Kevin Brunton, Technical Director, TBB confirms that this pass has been prepared on behalf of the Upcycled Building Materials Limited and in accordance with MBIE PTS guidelines and in accordance with the TBB pass™ process which is within the scope of TBB's ISO 9001 certification.

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VERSION:

Uncontrolled in printed format

saveBOARD Internal Lining and Wall Bracing SPECIFICATION GUIDE

Version 1.0. April 2022.



1. GENERAL

1.1 GENERAL	This specification relates to the installation of saveBOARD for use as internal wall or ceiling lining, a wall bracing element (with timber framing) or a ceiling diaphragm.
1.2 RELATED WORK	The installation of saveBOARD relies on the following: › a primary structure that complies with the NZ Building Code and is designed and installed in accordance with the building consent and construction drawings and is • in accordance with either NZS 3604:2011 or is specifically designed to NZS 3603:1993; or • complies with NASH Standard Part 1 and 2: 2019 or NZS 4229:2013; or • in the case of an existing building, where the designer and installer have satisfied themselves that the primary structure of the existing building is suitable for the intended building work.
1.3 DOCUMENTS	Refer to the following supplier's documents: › the saveBOARD Internal Lining and Wall Bracing pass™ › the saveBOARD Internal Lining and Wall Bracing Design and Installation guide. Refer to the following related documents where applicable: › NZS 3604:2011 Timber-framed buildings › NZS 3603:1993 › NASH Standard Part 1 and 2:2019 or NZS 4229:2013 › NZS 4229:2013.
1.4 GENERAL DESIGN CONSIDERATIONS	The system must be specified in accordance with the saveBOARD Internal Lining and Wall Bracing Design and Installation guide.

2. PRODUCTS

2.1 PRODUCT DESCRIPTION	saveBOARD is a structural composite panel manufactured from shredded and compressed composite packaging. The panels are supplied in two face finishes, paper-faced and exposed. The paper-faced panel has a recycled paper on the finished face while the exposed has a clear LDPE plastic transparent film on the finished face. Both boards are 1200 mm in width and supplied in two thicknesses: 10 mm and 12 mm; and three lengths: 2400 mm, 2700 mm and 3000 mm. The paper-faced panel may be painted, wallpapered or be used as a tile substrate as for plasterboard. The exposed panel is designed to be left in its natural state and requires no other finishing. saveBOARD is manufactured from 100 % recycled materials.
2.2 SUPPLIED COMPONENTS	The following saveBOARD components are supplied (mm, thickness x width x length): ➤ 10 x 1200 x 2400 ➤ 10 x 1200 x 2700 ➤ 10 x 1200 x 3000 ➤ 12 x 1200 x 2400 ➤ 12 x 1200 x 2700 ➤ 12 x 1200 x 3000.
2.3 ACCESSORY COMPONENTS	Accessory components are: ➤ 40 mm panel pins ➤ 8 g screws.
2.4 SUBSTITUTIONS	Substitutions are not permitted to any of the specified components listed in this section.

3. EXECUTION

3.1 QUALIFICATIONS	The installation of the saveBOARD must be carried out by a competent and experienced builder or DIYer.
3.2 RESTRICTED BUILDING WORK	Where Restricted Building Work applies, the installer shall be a Licensed Building Practitioner (LBP) or be supervised by an LBP with the relevant license class.
3.3 CHECK RELATED WORK	Confirm the primary structure has been constructed in accordance with the building consent and construction drawings or, in the case of an existing building, that the existing building is suitable for the intended building work.

4. APPLICATION

4.1 GENERAL

The installation of the saveBOARD must be completed in accordance with the instructions in the saveBOARD Internal Lining and Wall Bracing Design and Installation guide and the building consent documentation.

All conditions contained in the building consent documentation must be met.

4.2 RECEIPT OF PRODUCT

Ensure that all product supplied is:

- free of defects at the time of delivery and
- handled and stored in accordance with all of the relevant manufacturer or supplier's requirements and instructions.

5. COMPLETION

5.1 QUALITY CHECK

Check the installation is in accordance with the saveBOARD requirements.

5.2 WARRANTIES

For warranty information refer to www.saveboard.nz.

5.3 INFORMATION FOR CARE AND MAINTENANCE

saveBOARD requires minimal care and maintenance to maintain its performance and appearance. Refer to www.saveboard.nz for further information.

6. PROJECT-SPECIFIC SELECTIONS

PROJECT DETAILS

Project address

Lot/DP number

Date of plans

Purpose of plans

Description of building work and reference to drawing numbers

DOCUMENTS SUPPLIED (CHECK WHICH APPLIES)

☐

saveBOARD Internal Lining and Wall Bracing
pass™

☐

saveBOARD Internal Lining and Wall Bracing
Design and Installation guide.

DESIGNER CONFIRMATION (CHECK WHICH APPLIES)

Building

Primary structure

☐

Timber

☐

Lightweight steel

☐

Existing building assessed at equivalent stiffness to NZS 3604:2011

Wall framing spacing, for use as a wall lining or wall bracing element

☐

Section 8 of NZS 3604:2011

☐

NZS 3603:1993

☐

NASH Standard Part 1 and 2:2019

☐

NZS 4229:2013

☐

Existing, installer to confirm adequacy

Roof framing spacing, for use as a ceiling lining or diaphragm

☐

Section 10 of NZS 3604:2011

☐

NZS 3603:1993

☐

NASH Standard Part 1 and 2:2019

☐

NZS 4229:2013

☐

Existing, installer to confirm adequacy

Where used as a bracing element (with timber wall framing only)

☐

Installation specified in accordance with Scion testing

SUPPLIED COMPONENTS

- ☐ 10 x 1200 x 2400 (mm, thickness x width x length) saveBOARD
- ☐ 10 x 1200 x 2700 (mm, thickness x width x length) saveBOARD
- ☐ 10 x 1200 x 3000 (mm, thickness x width x length) saveBOARD
- ☐ 12 x 1200 x 2400 (mm, thickness x width x length) saveBOARD
- ☐ 12 x 1200 x 2700 (mm, thickness x width x length) saveBOARD
- ☐ 12 x 1200 x 3000 (mm, thickness x width x length) saveBOARD.

ACCESSORY COMPONENTS

- ☐ 40 mm panel pins
- ☐ 8 g screws.

saveBOARD Internal Lining and Wall Bracing

DESIGN AND INSTALLATION GUIDE

Version 1.0. April 2022.



General and product information

PURPOSE

This guide is for the design and installation of saveBOARD where it is to be used as an internal lining or for wall bracing.

IMPORTANT DOCUMENTS

This guide must be read in conjunction with:

- saveBOARD Internal Lining and Wall Bracing pass™
- saveBOARD Specification guide™.

SKILLS REQUIRED

This guide is suitable for use by a designer and a person with basic carpentry skills, including a competent DIYer.

Where saveBOARD has been specified by a designer, the designer shall have the appropriate skills, knowledge of the product and access to all relevant technical information (refer to www.saveboard.nz).

Where Restricted Building Work (RBW) applies, the designer or installer must either be a Licensed Building Practitioner (LBP) or be supervised by an LBP with the applicable licence.

FOR MORE HELP

Technical assistance is available at www.saveboard.nz.

While all reasonable efforts have been made to ensure the accuracy of information provided, this guide is a guide only. It may be subject to change.

FOR OUR WARRANTY

Refer to www.saveboard.nz.

PRODUCT DESCRIPTION

saveBOARD is a structural composite panel manufactured from shredded and compressed composite packaging. The panels are supplied in two face finishes, paper-faced and exposed. The paper-faced panel has a recycled paper on the finished face while the exposed has a clear LDPE plastic transparent film on the finished face.

Both boards are 1200 mm in width and supplied in two thicknesses: 10 mm and 12 mm; and three lengths: 2400 mm, 2700 mm and 3000 mm. The paper-faced panel may be painted, wallpapered, or be used as a tile substrate as for plasterboard. The exposed panel is designed to be left in its natural state and requires no other finishing.

saveBOARD is manufactured from 100 % recycled materials.

SCOPE AND LIMITATIONS

For scope of use, limitations, conditions and statement of building code compliance, refer to the saveBOARD internal lining and wall bracing pass™.

Design

This section applies where saveBOARD is to be specified in a building consent.

STEP 1:

SELECT USE

saveBOARD can be used as:

- an internal wall or ceiling lining
- a wall bracing element
- a ceiling diaphragm.

Select the relevant use for the saveBOARD.

STEP 2:

CONFIRM SCOPE

Confirm the proposed use is within the scope and limitations of the pass™.

STEP 3:

CONFIRM RELATED BUILDING WORK

Confirm that the primary structure:

- complies with the NZ Building Code and
 - is designed in accordance with either NZS 3604:2011 or is specifically designed to NZS 3603:1993; or
 - complies with NASH Standard Part 1 and 2:2019 or NZS 4229:2013;
- where existing, is suitable for the intended building work.

STEP 4:

SPECIFY SAVEBOARD

Specify saveBOARD as a bracing element

Where saveBOARD is to be used as a wall bracing element, the following bracing values apply:

Brace width (mm)	Thickness (mm)	Brace value (wind)	Brace value (EQ)	BU/m (wind)	BU/m (EQ)	Hold-down method
1200	10	123	111	106	93	M12 hold-down rods with 50 mm x 50 mm x 3 mm washers to bottom plate.
1200	10	153	170	125	141	Pryda brackets used at each end. M12 hold-down rods to bottom plate and brackets.

Note: BU/m value as limited by the ultimate load capacity. The values are based on 2400 mm sheet height. For greater heights, refer to NZS 3604 para 8.3.1.3 for adjustment.

Framing must be 90 x 45 mm SG8, treated to H1.2. saveBOARD must be oriented vertically, fixed on one face only at 600 mm centres with no nogs and fixed with 6 g x 32 mm plasterboard screws to GIB® GSI-N fastening pattern, 50, 50, 50, 75, 75, 150 mm.

Specify saveBOARD as a ceiling diaphragm

To distribute horizontal loads, a structural ceiling diaphragm may be used. The ceiling diaphragm must be constructed in accordance with section 13.5 of NZS 3604:2011. Refer to paragraph 5.6.2 for connections to bracing lines.

Diaphragms must not be steeper than 15° to the horizontal and not exceed 7.5 m long.

Each edge of the diaphragm shall be connected to a bracing line having the bracing capacity of no fewer than 15 bracing units/m of the diaphragm dimension. Refer to Figure 5.5 of NZS 3604:2011.

Specify saveBOARD as an internal wall or ceiling lining

Where used as a non-structural wall and ceiling lining there are no special requirements; however, it is recommended that saveBOARD is fixed with 40 mm panel pins or 6 g screws at 150 mm centres around the sheet perimeter and 300 mm centres through the body of the sheet.

STEP 5:

QUALITY CHECK

Confirm all relevant design requirements are met.

Collate the following documents and include in the building consent application:

- saveBOARD internal lining and wall bracing pass™
 - saveBOARD Specification guide™
 - this document.
-

Pre-installation

HEALTH AND SAFETY

Take all necessary steps to ensure your safety and the safety of others:

- › ensure adequate ventilation or mechanical dust extraction when cutting or drilling
- › ensure the boards are well supported when cutting and nailing
- › wear appropriate safety equipment, clothing and footwear
- › use all tools in accordance with relevant instruction manuals
- › plan and monitor a safe approach for working at height; select and use the right equipment
- › clear the work area of any obstruction before work starts.

For further information refer to:

- › WorkSafe. [July 2018] *Small Construction Sites, the Absolutely Essential Health and Safety Toolkit*.
- › WorkSafe. [December 2016] *Health and Safety at Work, Quick Reference Guide*.

These documents are available at www.worksafe.govt.nz.

HANDLING AND STORAGE

Handling

Care must be taken during loading, unloading and transporting the boards to prevent pre-installation damage.

Unload the boards by hand or using a forklift. Use two people to carry the panels on edge and hold near each end. Do not lean them against vertical surfaces.

Storage

Store boards in a dry environment, undercover and out of direct sunlight.

Lay boards on a flat, dry surface, laid flat on bearers or fillets running the length of the board.

Tools and equipment required

Install the boards using standard carpentry tools and equipment. Use tools in accordance with good trade practice and supplier's instructions.

Installation

STEP 1: BUILDING CONSENT DOCUMENTATION

Where applicable, access and view building consent documentation.

STEP 2: CHECK RELATED BUILDING WORK

Check related building work:

- Confirm the wall framing is straight and true.
 - Confirm spacing of framing is in accordance with the building consent, if applicable, or is in accordance with Table 10.1 of NZS 3604 for installations without a building consent or where framing exists.
 - Wall framing studs must be spaced at a maximum of 600 mm centres and nogs at a maximum of 800 mm to ensure that all outer edges of the saveBOARD are supported.
 - For structural applications, framing must be 90 x 45 mm SG8, treated to H1.2.
-

STEP 3: PREPARE THE BOARDS

Create the board layout

Creating the board layout is important. It ensures that the boards will have adequate support for all fixings and edges; also, it helps you to minimise waste and ensures that (when installed) the boards are placed for best effect.

For structural applications, i.e., where saveBOARD is to be used as a bracing unit, boards must be oriented vertically.

Cut boards

Cut boards to fit the layout using a fine-tooth skill or plunge saw. Cut all penetrations and holes as required. Recommend cutting upside down to leave a sharp edge.

Apply first coat of paint

If the board is to be painted or coated, apply the first coat or undercoat with the selected paint system and allow to dry.

STEP 4: INSTALL THE BOARDS

Fixings

Internal linings

Fixings are to be 40 mm panel pins or 6 g screws at 150 mm centres around the sheet perimeter and 300 mm centres through the body of the sheet for non-structural applications. Use self-drilling 8-10 g countersunk screws at 150 mm centres around the sheet perimeter and 300 mm centres through the body of the sheet for lightweight steel framing.

Structural applications – bracing and ceiling diaphragms

For structural applications, i.e., where saveBOARD is used as a bracing unit, use 6 g screws as per GIB® GS1-N fastening pattern 50, 50, 50, 75, 75, 150 mm from each corner.

General

Structural adhesives can be used in small daubs at 300 mm centres on the central studs for structural and non-structural board installations. A plastic jointer may be used for aesthetic purposes.

Walls

Install the boards to walls

Install the boards vertically and plumb, ensuring that the sheet edges have a minimum of 18 mm edge cover over the framing. Install with a 6 mm–10 mm clearance above the finished floor level when skirting boards are to be used.

Ensure all wall insulation is installed back or flush from the framing face to be lined.

Limit the openings (penetrations) through the face of the boards, e.g., power outlets, and do not make openings within 90 mm of the sheet edge. Do not make larger openings through bracing elements. Do not install the boards close to a heat source, e.g., solid fuel burner or flue, and avoid exposure to excessive temperatures for prolonged periods.

Ceilings

Install the boards to ceilings

Install the boards in a staggered pattern at 90° to the ceiling rafters or ceiling battens.

Ensure that the sheet ends meet over supporting timber and that ceiling battens centres do not exceed 450 mm.

STEP 5:

FINISH

The paper-faced panel has recycled paper which can be plastered (as with gypsum plasterboard) with a three-coat plaster compound system. Standard proprietary edge and corner trims can be used.

The level of finish (level 3 to 5 as defined in AS/NZS 2589:2017) will depend on the decorative finishes required.

If the boards are to be painted, complete application of the selected paint according to the supplier's requirements. Before painting, ensure the surface of the boards are clear and remove any debris with a soft cloth.

STEP 6:

COMPLETION

Check to ensure all components are installed correctly and in accordance with this document.

Maintenance

saveBOARD does not generally require specific maintenance.

Regularly inspect the boards to ensure that there is no evidence of sagging or swelling at the edges. If this has happened, the boards will need to be replaced.

Any holes can be repaired by patching or filling with a suitable interior grade filler.

If the boards have been painted, recoat in accordance with the paint supplier's recommendations.



Product Warranty Exposed



This warranty applies to saveBOARD Exposed pre-finished internal lining where used in accordance with all saveBOARD Exposed pre-finished internal lining information.

Warranty period:

15 years from proven date of purchase.

All enquiries relating to this warranty must be directed to the point of sale or installer in the first instance.

saveBOARD warrants that:

- At the time of delivery to the merchant or site (where applicable), the saveBOARD Exposed pre-finished internal lining is free from freight related defects.
- The design, installation, storage and handling advice provided by saveBOARD will result in building work that complies with relevant provisions of the New Zealand Building Code & Australian Building Permit, providing that all advice from saveBOARD has been followed, and providing the required maintenance has been undertaken.

In the event of proven product failure, the following applies:

- saveBOARD will supply replacement materials without charge.
- The installer will be responsible for the cost of removing and installing any replacement materials.
- Consequential losses or damage, as a result of product failure, are not covered.
- saveBOARD obligations under this warranty are limited to the replacement of defective materials (supplied by saveBOARD) or the value of these materials. The value of the materials will be reduced pro-rata based on the remaining life of the product (as defined by the durability provision of the New Zealand Building Code or Australian Building Permit).

In the event of proven failure that results from the design, installation, storage and handling advice provided by saveBOARD the following applies:

- saveBOARD will supply replacement materials, remove existing materials and install the replacement materials or provide the value of the materials and associated work.
- The value of the materials will be reduced pro-rata based on the remaining life of the product (as defined by the durability provision of the New Zealand Building Code or Australian Building Permit).
- Consequential losses or damage, as a result of product failure, are not covered.

saveBOARD reserves the right to supply other compatible materials for repair should the warranted materials no longer be supplied by saveBOARD.

This warranty is subject to the following:

- Receipt of date of purchase of the product.
- Evidence of failure.
- Receipt of a written claim from the claimant within 30 days after the defect would have become reasonably apparent or, if the defect was reasonably apparent prior to installation, then the claim must be made prior to installation.
- Satisfactory evidence that all storage, handling and maintenance requirements have been carried out.
- 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 has acts or omissions of a third party over whom saveBOARD has not control.
- The warranty does not cover failure arising from the failure to follow saveBOARD design, installation, storage, handling or maintenance advice.
- Normal wear and tear is excluded from this warranty.
- All relevant saveBOARD Exposed technical information is available from saveBOARD.

www.saveBOARD.com.au

www.saveBOARD.nz



Exposed Pre-Finished Interior Lining Installation Guide

TOOLS

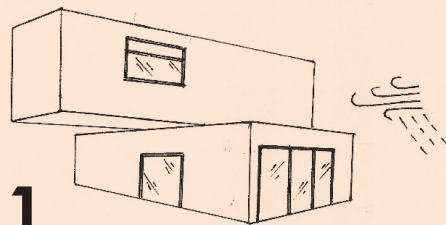
- Safety Glasses
- Ear muffs
- Dusk Mask
- Tape measure
- Skill saw
- Drill
- Screws

Disclaimer:

This document must be read in conjunction with:

- Product Technical Statement
- Specification
- Care & Maintenance Guide
- Compliance Summary
- Alternative solution

1



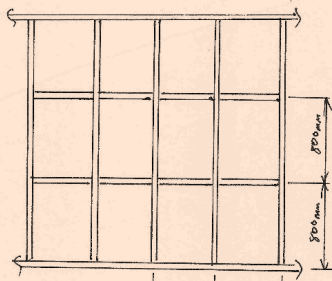
Make sure the building is weather tight before installing

2



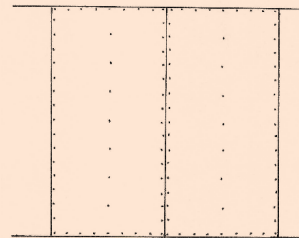
Let the boards rest for 48hrs prior to installation

3



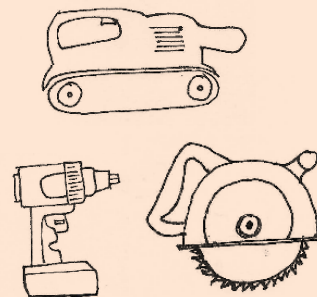
Check framing spacing - 400mm or 450mm centers for Studs, 800mm nogs and top and bottom nogs to fix ends. Lack of framing will result in a flexible and wavy board surface.

4



Sheet layout - All edges and board centers must be supported - Sheets to be installed vertically or horizontally. Fixed to nogs & studs for support.

5

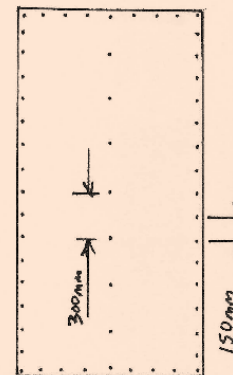


Cutting requires mechanical tools. We recommend using a fine tooth carbide tip saw and clean up with orbital or belt sander.

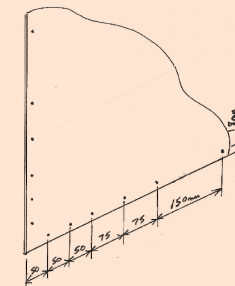
6

Fixing for non-braced walls:

- 40mm panel pins or 6g screws @ 150mm centres plus adhesive daubs @ 300mm on framing down the centre



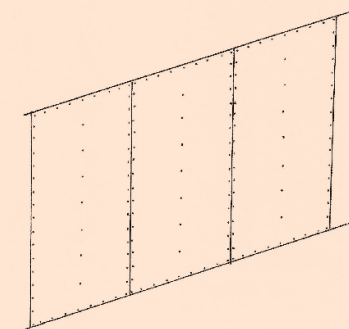
7



Fixing for Braced walls:

- 6g x 40mm screws as per GIB® GS1-N fastening pattern.
- Nail Gun - 50 x 2.8mm galvanized Flat Head Ring Shank Nails

8



Finishing & Surface Coatings

- No finishing required.

