

Let's colour the building sites purple.

- DTS Service Wellington.
- Product updates for GIB® plasterboard and compounds.
- 2019 GIB® Architects Regatta.

GIB WEATHERLINE® – RIGID AIR BARRIER SYSTEM

EXTERIOR SYSTEMS

by Dale Olsen
Exterior Systems
Manager

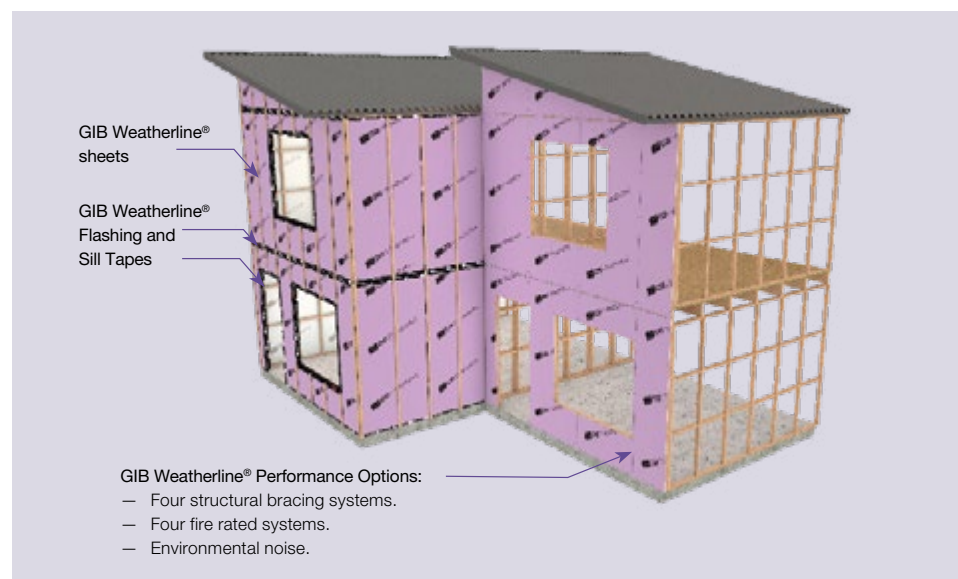


We are proud to announce the launch of GIB Weatherline® into the New Zealand market. Driven by innovation and backed by a thorough BRANZ Appraisal testing programme, this glass faced rigid air barrier with its distinctive purple colour is going to offer the industry a competitive alternative with a range of great performance options.

While new to New Zealand, gypsum core rigid air barriers have been used in the northern hemisphere for the last few decades. GIB Weatherline® has an advanced second-generation fibreglass liner on both front and back, with a highly modified gypsum core containing water and mould inhibitors. Gypsum, not only provides an excellent substrate for fire resistant applications, it is safe and easy for those handling and installing it.

Technology used in the northern hemisphere for the last few decades.

The development team have created a technical manual with an easy reading format offering two rigid air barrier systems and additional bracing, fire and environmental noise performance options for NZS 3604 type buildings.



A Technical Data Sheet is also available for buildings requiring specific design.

TOP: Typical installation of GIB Weatherline® system



What makes this project special is that we have included a lot of our customers in the development journey. We would like to thank everyone for their time and contribution and look forward to working with you on upcoming projects.

For further information and to download literature, go to gib.co.nz/weatherline or call the GIB® Helpline on 0800 100 442.

GROWING OUR OFFER TO THE MARKET

FOREWORD

by David Thomas
General Manager



Much of the recent commentary regarding customer leading practices refer to the overarching need to be consistent and predictable in terms of the interactions we have with our customer base. To a great extent, that aligns well with our strategy of Service and Operational Excellence where we look to perform in a manner that

allows our customers to rely on, and trust us, to do what we say we will do. Of course, that does not mean that once we have defined and achieved those practices we will stop looking for opportunities to improve. Indeed our focus for many years has been on improving our service offer either in terms of delivery or advisory services.

It is noteworthy to reflect on the new products we have released in the last two years, and in particular, GIB Barrierline® and GIB Weatherline®. Both have been driven by customers seeking better solutions to issues they were having with delivering the functionality that building occupiers were seeking. We are very excited by the introduction of GIB Weatherline®, particularly as it may well open segment opportunities

previously considered beyond plasterboard. It is interesting to note that in the case of this product, our underlying approach of a global search for solutions/applications to solve identified unmet customer needs is very similar to the approach we took in the 1990s. Such an approach will be an important part of the growth strategy that we will be looking to further progress over the next few years. If we are to be successful with this strategy it is most likely that we will have to set up a group that has a different mindset towards “taking risks” and acceptable “success rates”.

Of course, we need to ensure that we continue to invest in improving our current operating model, especially in terms of improving the customer

experience. This edition of GIB® News speaks towards some of the initiatives we will be looking to implement over the next year. The challenge for us will be to organise and resource the company in a manner that both strategies can be successfully delivered.

DTS IN WELLINGTON

DELIVERY SERVICES

by Andrew Mitchell
National Supply Chain – Manager



Wellingtonians mark the date in your calendar, you will enjoy some big benefits over the next few months as our GIB® Delivery Service Team works hard to improve the service in the capital.

New Warehouse space from 25 March

From Monday 25 March, we will be operating from a much larger warehouse, enabling us to stock a wider product range and better meet our customers’ increasing needs.

Delivered To Site (DTS) from 6 May

In addition, following great success in Auckland, Christchurch, Tauranga and Hamilton, we are delighted to be launching our Delivered-To-Site (DTS) service in Wellington from Monday 6 May.

Available from 7am, Monday to Friday, this service utilises ‘fit for purpose’ equipment such as 15 metre reach Hiabs, and brings valuable cost savings to our customers. Plasterboard is delivered to the nearest point of cover within 20 metres (generally the garage or closest open area), and deliveries can be split across two areas (such as the lounge and garage) for the standard service.

To ensure a seamless delivery process, Winstone Wallboards sends text message alerts communicating delivery status, plus a link to online tracking.

We also offer free site inspections to ensure sites are plasterboard-ready, removing the risk of paying for unnecessary services.

Other benefits of our DTS service include:

- Fewer delays.
- On time delivery.
- Reduced risk.

If any damage occurs during delivery, the board will be replaced at our cost.


More information

For more information on how to take advantage of our new Wellington service, get in touch with our Area Sales Managers Kerry Lockyer or Alan Still.


The DTS Wellington brochure can also be downloaded from gib.co.nz/wellington or call the GIB® Helpline on 0800 100 442.




DTS Wellington - Standard Delivery


Hiab

+


20 metres max from vehicle

+


Drop point

Hiab

- One driver and one labourer.
- Flat deck truck.
- Hiab can lift to a maximum of 15 metres.
- Vertical or horizontal lift.
- GIB® plasterboard mechanically lifted or placed to the nearest point of covered placement area.

- Maximum of 20 metres walk from vehicle to nearest point of covered placement area.
- Maximum of 2 hours on site, thereafter hourly rate applies.

MyGIB® Ordering

To easily order your GIB® plasterboard and GIB-Cove® from your building site download the GIB® App and sign up for MyGIB® ordering.



BELOW: Area Sales Managers Alan Still and Kerry Lockyer





MELISSA SEMMENS
MARKET MANAGER - COMMERCIAL

We are very pleased to welcome new Market Manager – Commercial, Melissa Semmens, who will be developing and implementing exciting new strategies to maximise customer satisfaction levels.

Mel has spent the last two years at Iplex Pipelines NZ developing and executing a marketing strategy which contributed

to significant growth in the business and Net Promoter Score (NPS). Prior to that she worked in FMCG Marketing roles at Sealord and as Marketing Manager for a NZ food exporter, where she developed and launched several new products including their most successful range of chilled seafood goods.

Mel is passionate about understanding the customer journey and highly skilled in creating strategies that will improve the overall experience for our customers.



DARREN KNIGHT
ARCHITECTURAL SPECIFIER MANAGER

Winstone Wallboards' new Architectural Specifier Manager Darren Knight has a wealth of experience, including 12+ years in business development, working with architects and specifiers and managing commercial accounts, plus over 25 years of relationship building in the construction industry.

Recently back from 12 months travelling the world with his family, Darren will be working alongside our Auckland Specifier Team in the Auckland and Tauranga regions.

Friendly, helpful and solutions-focused, he is looking forward to building on his already strong foundation of contacts and relationships.



DANIEL REYNOLDS
TECHNICAL TRAINING ADVISOR

Technical Team newcomer Dan Reynolds has spent the past 12 years working as a carpenter on a diverse range of projects – projects including commercial new builds and fitouts, residential new builds and renovations, and even cyclone repair work in Fiji.

Most recently he has been based in central Auckland renovating and restoring character bungalows and villas.

As Technical Training Advisor, Dan will ensure that our GIB® Technical team

keeps up with the ever-growing demand for technical support on the GIB® Helpline and building sites.

FESTA - PROUDLY
SUPPORTING THE
ARCHITECTURAL
COMMUNITY

EVENT

by Clara Sumner
Partnership Manager



Giving people the ability to participate in their city in new and unique ways, that's what FESTA is all about.

FESTA is an initiative based around building temporary architectural installations that are activated with markets, art, performance, music, dance, games, demonstrations, talks and activities.

Installations are designed and fabricated by the next generation of architectural students in schools of architecture from across New Zealand and Australia.

As a festival that uses temporary architectural installations to invigorate the city, FESTA doesn't want to create unnecessary waste, so students are encouraged be resourceful, to reuse materials or find waste streams that can be used as the basis for the design of the installations.

The environmental conscious theme of the festival ties in nicely with Winstone Wallboards' waste recycling initiatives that support sustainability.

Our supplied pallets and paper offcuts were very attractive to the students, with several of the studios expressing an interest in using them.



The pallets were used in designs by two of the Australian studios - Swinburne University of Technology School of Design and Adelaide University School of Architecture and the Built Environment - transforming the pallets into furniture for the public to use as seating and tables to rest, watch musical, dance performances and indulge in a huge range of local foods.

ABOVE: Christchurch FESTA Festival, October 2018, photo credit Bridgit Anderson

For further information on recycling and sustainability go to gib.co.nz/sustainability or call the GIB® Helpline 0800 100 442.

WHAT IS A RIGID AIR BARRIER?

EXTERIOR SYSTEMS

by Greg Burns
Independent
Building Consultant



The majority of residential buildings in New Zealand are of light timber frame construction incorporating a flexible wall underlay on the outer face of the external wall framing, directly behind the cladding.

Flexible wall underlay, when well installed, generally does what it is meant to do – that is providing an extra line of defence against water that may penetrate the cladding and therefore protecting the vulnerable wall framing while also restraining the insulation within the framing cavity.



However, rigid wall underlays, commonly known as rigid air barriers, do a far better job when used in place of flexible wall underlays.

They are more robust than flexible underlays hence they provide a very effective line of

defence against water penetration through the cladding – they are also easier to install, more durable once installed, allowing them to act as a temporary cladding prior to the installation of the actual exterior cladding (which allows interior work to continue prior to final enclosure), while also providing a

solid substrate for the installation of flashing tape to window and door openings and exterior penetrations.

They can also have the added benefit of providing bracing, fire and acoustic performance.

More buildings are using rigid air barriers due to the additional performance options and this will become the way we build in the future.

BENEFITS – GIB WEATHERLINE® RIGID AIR BARRIER SYSTEMS

BENEFITS TO HOMEOWNERS

- **Enhances thermal efficiency** of the home by reducing air leakage.
- **Protection against moisture penetration** by providing a water resistant secondary line of defence.
- **Quicker construction times** by allowing work to commence inside before the cladding is installed.
- **Fire protection options** for external walls.
- **Environmental noise control options** to help make a quieter home.

BENEFITS TO BUILDERS

- **Easy handling and fast installation:** simply score, snap and screw fix.
- **Safe to handle and environmentally friendly:** no harmful dust created when cutting and off cuts can be recycled.
- **Early close in** providing temporary weather protection for up to 90 days allowing work to commence inside before the cladding is installed.
- **NZBC compliant:** made and tested in New Zealand specifically for New Zealand conditions.
- **Cost effective fire rated systems** including 30 min and 60 min FRR options using Pink® Batts® infill insulation.
- **Structural bracing elements** with double and single sided options.
- **Dimensionally stable sheets** with moisture and mould resistance.

BENEFITS TO DESIGNERS

- **Moisture protection** by providing a second line of defence against water penetration.
- **Enhanced thermal efficiency** of the building by reducing air leakage.
- **Environmentally friendly:** offcuts can be safely recycled.
- **NZBC Compliant:** thoroughly tested and BRANZ appraised for New Zealand conditions up to and including Extra High Wind Zones.
- **Four cost effective fire rated systems** including 30 min and 60 min FRR external, parapet and wing walls.
- **Four structural bracing elements** with double and single sided options easily accessed in the GIB Ezybrace® calculator.
- **Environmental noise control options** using typical claddings.

GIB WEATHERLINE® SYSTEM COMPONENTS

EXTERIOR SYSTEMS

by Dale Olsen
Exterior Systems
Manager



We have worked closely with our development partners to create a range of quality GIB Weatherline® branded components which have been thoroughly tested and approved for use in the BRANZ appraised systems.

System components



- GIB WEATHERLINE® SHEET**
- Available thicknesses: 10mm and 13mm (approximate mass 9.0kg/m² and 11.5kg/m²).
 - Available lengths: 2700mm and 3000mm long (custom lengths available for large orders*).
 - Available widths: 1200mm wide. Square edges.
 - Distinctive purple exterior face.



- GIB® GRABBER® 41MM X 6G CERAMIC COATED HIGH THREAD SCREW**
- Available in cartons of 1,000 (collated only).



- GIB WEATHERLINE® FLASHING TAPE**
- Available widths 30mm, 60mm, 100mm, 150mm and 200mm.
 - 30m roll length.



- GIB WEATHERLINE® SILL TAPE**
- Available widths 150mm and 200mm.
 - 20m roll length.

* Lead times, minimum quantities and conditions apply.

THE ENGINEERING JOURNEY OF GIB WEATHERLINE®

EXTERIOR SYSTEMS

by Hamish Ewan
Senior Technical
Support and
Development Manager



The Technical Team at Winstone Wallboards have invested over 7,500 development hours on the GIB Weatherline® systems and recently achieved BRANZ Appraisal and compliance with the New Zealand Building Code.

This is the first time that we have developed systems specifically for the outside of the building and we have gone to great lengths to make sure they are suitable for New Zealand conditions. The extensive testing programme has included full scale wind pressure, weather tightness, fire, bracing and environmental noise to produce a range of market ready performance options. There have also been hundreds of small scale bench tests ensuring that our quality assurance meets consistent standards.

One of the most severe tests GIB Weatherline® was put through in order for us to be able to claim temporary weather protection for the exterior of a building for up to 90 days, was the BRANZ Weather Tightness Performance Limit Test.

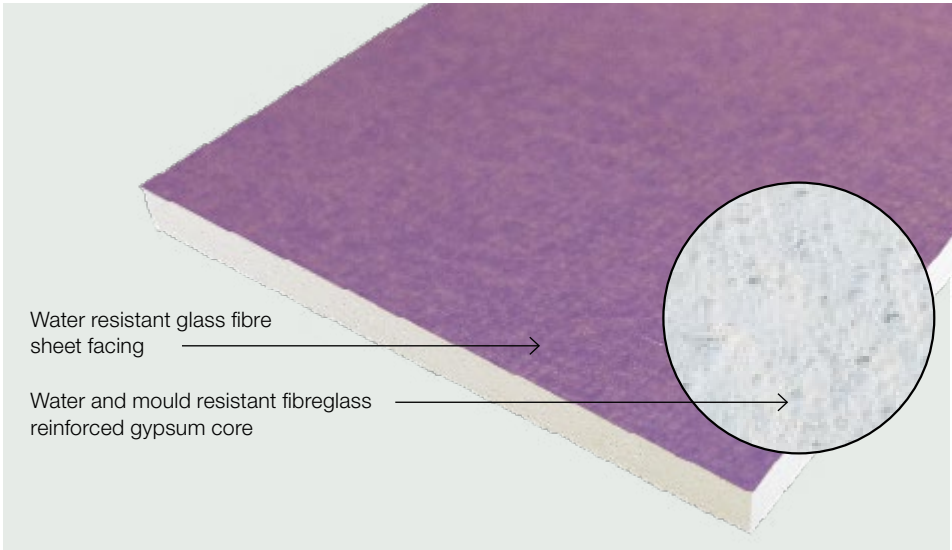
This test involved a continuous water spray of 24 litres per minute directed onto a 2.4m tall x 2.4m wide timber frame wall lined with GIB Weatherline® for a period of four hours. During this four hour water spray period the lined wall was also subjected to a 70 Pa (Pascal) positive air pressure. This positive air pressure worked to force water into the lining, through the sheet joints and along the line of any sheet fasteners. This was where the performance of the GIB Weatherline® Flashing Tape came to the fore.

Upon the completion of the test the laboratory technicians found no visible signs of any water on the back of the lining and there was no increase in the moisture content of the timber frame in the eight designated measurement locations.

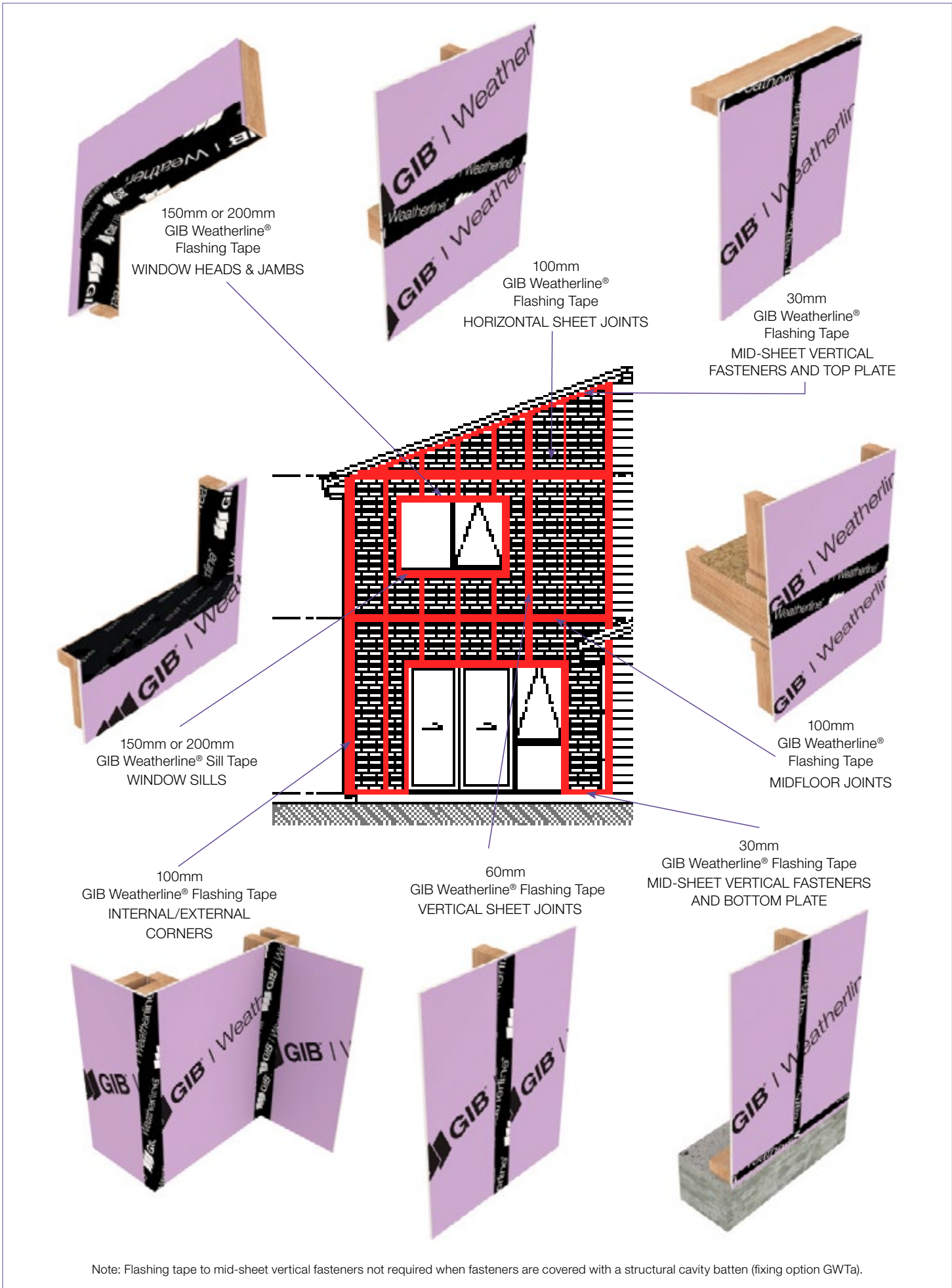
This result meant we had passed the test and added to our confidence that the GIB Weatherline® Rigid Air Barrier Systems were suitable for the New Zealand environment.

For your convenience a Technical Manual has been developed to cover buildings designed within the scope of NZS 3604 and offers five key sections (two rigid air barrier options, structural bracing elements, fire rated walls and a range of environmental noise options). For the first time we are able to offer fire rated wing wall and parapet options in both 30 min Fire Resistance Rating (FRR) and 60 min FRR.

For buildings requiring specific design we have developed the Specific Design Technical Data Sheet. This document allows a suitably qualified professional to take the product performance data and incorporate it into their design.



ABOVE: Cross section of GIB Weatherline® sheet



GIB EZYBRACE® BRACING

TALKING TRADE

by Graeme Robertson
Senior Technical Advisor



Technical Support is a key component in Winstone Wallboards' offer to the building industry in New Zealand.

A big part of this support is our GIB® Technical Helpline 0800 100 442. Calls to the helpline average about 75 to 80 per day and range from simple product enquiries through to complex design or performance issues.

We have a highly competent team including Licensed Building Practitioners (LBPs) and Engineers with a wide range of expertise and experience across fire, structure, chemistry and acoustics.

There are some questions that pop up on a regular basis such as:

FAQ: Can I pack the bottom plate of a GIB EzyBrace® bracing element?

Provided that the bottom edge of the bracing sheet is no more than 100mm above the floor, the bottom plate of a GIB® bracing element can be packed as shown in the diagram below.

- Fasten the bottom plate to the floor as per normal practice and specification for the relevant GIB EzyBrace® bracing element.

- Install a single or double row of nogs as required the width of the plate x 45mm on their flat, on top of the bottom plate.
- Neatly notch the first layer over any GIB HandiBrac®.

Fasten each layer with pairs of 90mm gun nails, slightly skewed and at 120mm centres.

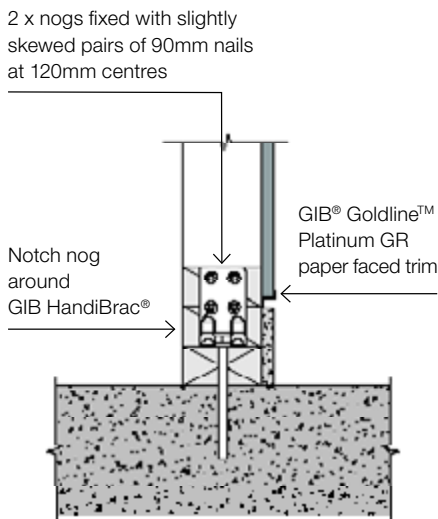
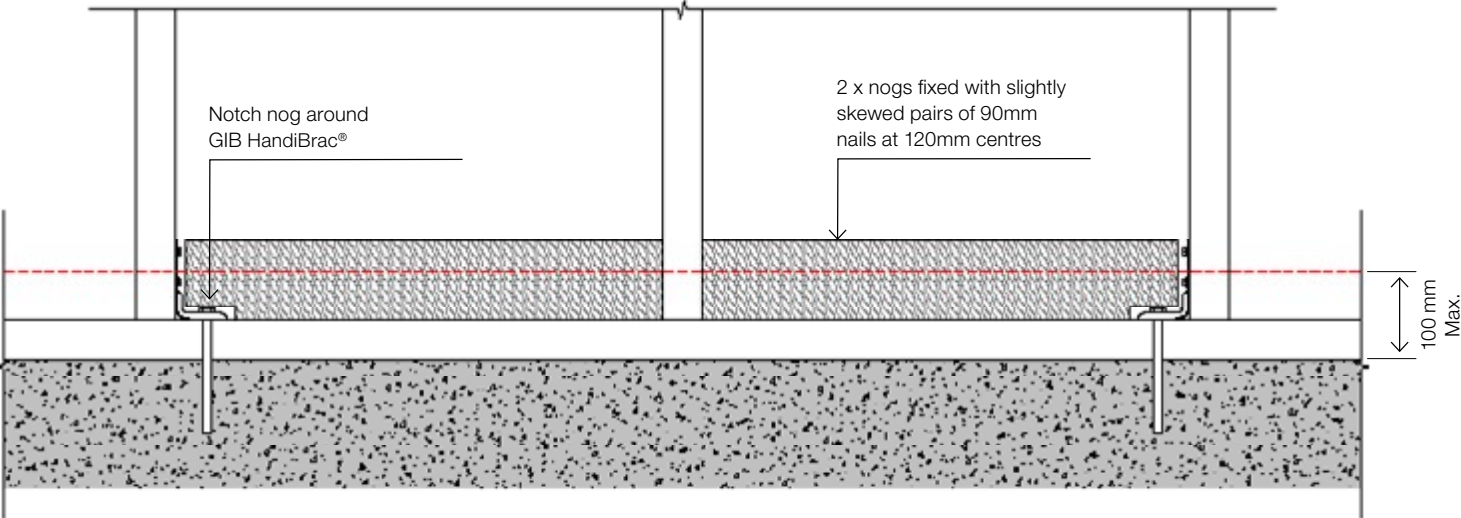
The detail below shows the nogs being used to create a negative detail.

For further information visit gib.co.nz or call the GIB® Helpline on 0800 100 442.

GIB EzyBrace® Calculator



A great resource is the GIB EzyBrace® Calculator available for download from the GIB® website. The software is available for either Microsoft and Mac operating systems for timber and steel framed buildings.



GIB® INSTALLATION VIDEO SERIES



Need help installing GIB® plasterboard systems? Check out our new installation videos at gib.co.nz/installation-videos/

FAQ TO THE GIB® FIREBOOK

LITERATURE

by John Kitchen
Area Sales Manager
- Architectural



The recent launch of the GIB® Fire Rated Systems book included a number of new systems which are proving popular as they are more simple or cost effective options. Here is a snapshot of frequently asked questions to the systems:

Smoke Separation Wall

A single layer 10mm GIB® Standard fixed each side of either timber or steel studs will now meet the requirements of a "smoke separation wall".

Refer to GBSm10 for further details.

30 minute FRR Timber Wall

10mm GIB® Standard can now provide a 30 minute two way Fire Resistance Rating (FRR) to timber framed walls. Mechanical screw fixings are required rather than screw and glue. As with these systems check whether you need to have tested fire penetrations.

GIB Fire Soundseal®

GIB Soundseal® has been given additional fire performance and is now known as GIB Fire Soundseal®. In GIB Noise Control® Systems, GIB Fire Soundseal® can be used where GIB Soundseal® is mentioned.

GIB® Panel Shaft

In risers and shafts where a two way fire rated wall is required to be installed from one side only, the new GIB® Panel Shaft installation method adds further options to the existing GIB® Rondo® Shaftwall systems. GIB® Panel Shaft allows for partial or full prefabrication of panels on or off site. Timber and steel stud options are available.

For more information visit gib.co.nz or call the GIB® Helpline 0800 100 442.



NEW GIB AQUALINE® AND GIB ULTRALINE® SHEET LENGTHS AVAILABLE

PRODUCTS

by Gordon White
Market Manager - Residential



From Monday 4 March the lengths of 10mm GIB Aqualine® sheets have been extended to include additional taper edge/square edge (TE/SE) options.

The new 10mm GIB Aqualine® TE/SE lengths which are available as ‘everyday’ stock lines are:

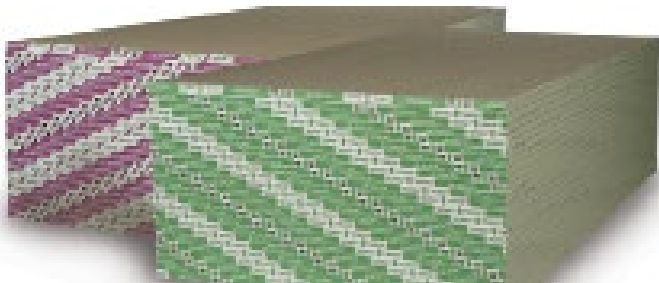
- GIB Aqualine® 2400mm x 1200mm 10mm TE/SE
- GIB Aqualine® 2400mm x 1350mm 10mm TE/SE

These additional lengths have been added to the product range as a result of

consistent customer feedback. The new additional lengths are ideally suited for use in smaller kitchens and bathrooms to help reduce offcut waste and cost.

New GIB Ultraline® Length Available

An additional length option in the GIB Ultraline® range, 4800mm x 1200mm x 10mm TE/SE is now also available.



For further information go to gib.co.nz/products or call the GIB® Helpline 0800 100 442.

We Want Your Feedback!

At Winstone Wallboards your product feedback is critical in shaping future product development. If you have any specific feedback on what products you like to see in the range please feel free to drop us a line at info@gib.co.nz and we will see what we can do to better meet your needs.

THUMBS UP TO THE IMPROVED GIB TRADE FINISH® LITE AND EXTRA LITE

COMPOUNDS

by Ian Morrissey
Sales and Training Specialist
Compounds, Accessories



The recent reformulation of GIB Trade Finish® Lite and Extra Lite has given stoppers, who use large volumes of this product daily, a chance to voice their feedback and help us to continuously improve our products.

Winstone Wallboards’ industrial chemists Anu Abhyankar and Zoe Xie have worked closely with stoppers and took the product back to the lab for fine-tuning, tweaking and reformulating it to come up with what we believe is now a five-star plaster.

The final formulations released were very well received. The improved binder characteristic is now even better suited to New Zealand conditions, eg, better adhesion in colder condition, and is softer and therefore easier to sand. The risk of glazing and pinholes has also greatly reduced with these new formulations due to its improved rheology.

Although these changes are subtle, they are significant for the stopper.



But don’t just take our word for it!

Product trials across our stopper customer base have been conducted, and feedback has been fantastic. From “outstanding” to “easy to trowel and finish”, the new and improved GIB Trade Finish® Lite and Extra Lite has received great acclaim.

We eagerly look forward to hearing more customer feedback and working together with our customers to continuously improve the range of GIB® products.

If you like to get in touch email Ian.Morrissey@gib.co.nz or call on mobile 022 326 0306.

WILL MEDIUM DENSITY DOMINATE FUTURE HOUSING?

SUSTAINABILITY

by Kevin Golding
Sustainability Manager



A new medium density housing information hub (www.branz.co.nz/mdh) established by BRANZ points to an exciting future for multi-unit housing in New Zealand.

The information hub is a resource centre of peer-reviewed reports, articles and tools developed by BRANZ as output

from the Medium Density Housing (MDH) programme, an investment of \$3.6m of levy funded research over the past 3 years.

The programme aims to:

- Increase the quality and affordability of MDH.
- Increase the utility and attractiveness of MDH for occupants and neighbourhoods.
- Upskill the industry to deliver MDH.
- Ensure technical solutions are accessible.
- Support the industry with best practice guidance.

Innovation in the design and delivery of medium density housing is a result of housing demand created by a steadily growing population, with immigration being the catalyst that is sustaining population growth.

The trends of a growing population and increasing medium density housing construction activity requires new technical systems for the design and delivery of multi-unit projects.

Technical needs, ie, information on fire performance, noise, weather tightness, indoor air quality and structure have been identified through an industry survey as high priority information needs to support MDH projects.

Winstone Wallboards Ltd provides an extensive portfolio of products and system solutions specifically for medium density housing projects. And its technical experts can advise on the right systems to deliver high quality outcomes that add value to medium density housing projects.



For further information visit gib.co.nz/sustainability or branz.co.nz/mdh

2019
GIB® ARCHITECTS'
REGATTA

EVENTS

by Sarah Joblin
Marketing Services
Coordinator



The week leading up to the Regatta was as much of a nail biter as the actual race. Cyclone Oma was getting closer and closer, and we were bracing ourselves to potentially cancel the 32nd GIB® Architects' Regatta. Then ... a stroke of good luck and Oma headed for Australia, and we were back in business.

This year 36 yachts went up against each other in one of the highlights on the GIB® calendar. The weather was perfect and a good breeze on the water saw the yachts take off from the start line and up the harbour.

In a truly spectacular finish, we saw Eclipse Architecture on 'Mayhem' (the 'Emirates Team New Zealand' of the fleet), carve up the field to secure first place in the Non-Spinnaker division, roaring past Williams Architects on 'North Sails' who were pipped at the post finishing in second.

In the Spinnaker Division, Matt Brew Architects on 'Crystal Clear' held their pace throughout the course, sneaking up from 12th off the mark to come in first. And the crew of 8 from Karl Majurey Architects on 'Beep Beep' lived up to their Road Runner image on the side of the boat as they cruised in to take second.

And, from our vantage point on Mainbreak, the sponsors pick for 'Sponsors Choice' was an easy one with everyone unanimously choosing Stack Interiors on 'Satisfaction' who were clearly having a fun time.



Finally, we would like to thank all those who helped on the day, in particular our sponsor family, Tasman Insulation, Laminex New Zealand and PPG Industries, and of course to you all who took the time out to join us and spend an enjoyable afternoon on the water.

Our team truly value the opportunity to mix and celebrate with the Auckland Architect and Specifier fraternity, and thank you for making this such a memorable event. We look forward to seeing you back out on the water next year.

Official Prize List

SPINNAKER DIVISION – 1 ST	
Prize:	GIB® Cup (Sponsored by Winstone Wallboards)
Practice	Matt Brew Architects
Yacht	Crystal Clear
SPINNAKER DIVISION – 2 ND	
Prize:	Tasman Cup (Sponsored by Tasman Insulation)
Practice	Karl Majurey Architects
Yacht	Beep Beep
NON-SPINNAKER DIVISION – 1 ST	
Prize:	GIB® Cup (Sponsored by Winstone Wallboards)
Practice	Eclipse Architecture
Yacht	Mayhem
NON-SPINNAKER DIVISION – 2 ND	
Prize:	Laminex NZ Cup (Sponsored by Laminex New Zealand)
Practice	Williams Architects
Yacht	North Sails
SPONSORS CHOICE – ALL ROUND SOLID PARTICIPATION	
Prize:	PPG Cup (Sponsored by PPG Industries)
Practice	Stack Interiors
Yacht	Satisfaction



TOP: 1st Spinnaker Division, Sponsored by Winstone Wallboards, Matt Brew Architects (Crystal Clear) and team and David Thomas (WWB), **SECOND FROM TOP:** 2nd Spinnaker Division, Sponsored by Tasman Insulation, Karl Majurey Architects (Beep Beep) and David Thomas (WWB), **THIRD FROM TOP:** 1st Non-Spinnaker Division, Sponsored by Winstone Wallboards, Eclipse Architecture (Mayhem) with David Thomas (WWB), **FORTH FROM TOP:** 2nd Spinnaker Division, Sponsored by Tasman Insulation, Williams Architects (North Sails) and David Thomas (WWB), **FIFTH FROM THE TOP:** Sponsors Choice, Sponsored by PPG Industries, Stack Interiors (Satisfaction)

PHOTOS: For those interested in viewing the full set of photos, or to purchase prints, jump online at gib.co.nz/regatta

