GIB® News

Issue two
2019

Partnering with Industry for Optimum Outcome.

- MyGIB® Order and Track release.
- Case Study 1 - Supporting the PreFab market.
- Case Study 4 - GIB Weatherline® Firetest.

MORE THAN JUST HIGH-QUALITY PLASTERBOARD.

INDUSTRY SUPPORT

by Troy Smith
Marketing Manager

Architects, builders and property owners have shared the same great confidence in GIB® products and systems for over 90 years – and for good reason. Our delivery services, local experience, technical support, innovations and environmental sustainability add value to any project.

With over 30 product and technical experts on hand, Winstone Wallboards will help you find the most efficient, cost effective solutions for your needs. Not only do we have a deep understanding of the technical requirements, but our ongoing engagement and work within the sector has equipped us with strong practical knowledge of the wider complexities and ever-changing needs of the industry.

New Zealand's building landscape is rapidly changing – now more than ever before. At Winstone Wallboards we know that in order to stay on top, we need to constantly innovate and improve. To best serve the New Zealand market and our country's unique conditions, our offerings must adjust, change and adapt.

Manufacturing for over 90 years in New Zealand, we have developed systems specific to New Zealand's conditions and building codes.

Locally made for local conditions, GIB® products and systems give peace of mind. They are independently tested and/or BRANZ appraised, and everything we do meets or exceeds New Zealand's stringent building codes. We partner with builders and architects to fine tune our products, and use case studies to highlight the innovative ways they are being used, and the great results that are being achieved. In other words, not only have our products and systems been trialled by industry to ensure they perform as claimed, but they have received a giant tick of approval.

In this issue of GIB® News we share some industry feedback, straight from the horse's mouth. We hope you enjoy our case studies, which hone in on everything from our recently launched GIB Weatherline®, to screw hollows and fire safety.

GROWING OUR OFFER TO THE MARKET

FOREWORD

by David Thomas
General Manager

As I watched the New Zealand Cricket team advance to the final of the World Cup earlier this month, my mind flicked back briefly to a conference session I attended in 1988 where the topic was about optimising performance through teamwork. Not surprisingly reference was made to sport and, in particular, the success of the All Blacks. The facilitator challenged us to consider whether the focus on 'team' took away the importance of the 'individual', and that in rugby it was possible for sub-par individual performances to be covered by actions of others. He thought instead we should consider a Cricket team where individual performance stands out starkly for all to see and where often very little can be done to offset this. This transparency is accepted and drives home to the individual how important it is that they do their job well and how important this is to the overall team performance. And while we can easily reflect on the team's success, so can we readily and plainly see the highs and the lows of the individual performances.

While I have spoken about this concept of collaborative individualism with regard to an Organisation's performance, it is easy to accept that the collaborative perspective should also extend to our interactions with you. Only then can we be sure that we are providing the products and services you require to create a desirable built environment.

SERVICE IMPROVEMENT UPDATE

DELIVERY SERVICES

by Grant Glover
Service Improvement Manager

A lot has happened in the delivery service area as a result of identifying some opportunities for improvement.

One of the areas we identified for improvement was the text ETA (estimated time of arrival) for each and every Deliver To Site (DTS) delivery. We are very conscious of sending automated texts for critical messages only, which is why we have reduced our automated texts to the following:

- The day before delivery reminder.
- The On Route Text providing an accurate ETA once the vehicle is on route to the site.
- Damaged board notification which confirms we will schedule replacement within 24 hours unless notified otherwise.

We hope this is all helpful information to ensure problem free delivery. We have been working hard with our carriers to ensure these texts are as accurate a possible.

Another area of improvement has been around improving the speed of replacing plasterboard that is identified as damaged on delivery. We have instructed drivers to phone our despatch, so we can get replacement board scheduled for delivery within 24 hours.

In addition to the above we are continuing to discuss and gather feedback around streamlining the site inspection process and working out the best way to provide a written record of the site inspection to the site contact via the Site Inspector's mobile device.

We are also developing a new customer service training programme for our service delivery teams which involves filming a delivery performed correctly on site. These days there is a lot for the driver and delivery teams to think about when delivering to site, so we hope by providing more input into this we may see some improvements in the delivery process where it matters the most.

SWITCH READY-MIX COMPOUND WITH CHANGES IN DRYING CONDITIONS

COMPOUNDS

by Edwin Zijderveld
Product Manager

With the change in season, stoppers often experience differences in the performance of ready-mix compounds.

For example, when going into winter ready-mix compounds become very easy to sand and leaves scratch marks. As the warmer summer weather arrives ready-mix compounds become too hard to sand and an easier to sand ready-mix compound may be more suitable.

Drying conditions change significantly throughout the year across most of New Zealand. As drying conditions change so do the sanding characteristics of ready-mix compounds. To optimise performance from ready-mix compounds, and in particular the sanding characteristics, a change in ready-mix compound is often needed to suit the different seasons and drying conditions.

To make changing ready-mix compounds easy, four GIB Trade Finish® versions are available with a graduation of sanding characteristics across these four versions.

For further information about sanding characteristics of ready-mix compounds go to the GIB® website (search "seasonal change") or call the GIB® Helpline 0800 100 442.

MYGIB® IS ABOUT TO GET A WHOLE LOT BETTER WITH ORDER STATUS TRACKING AND UPLOAD FILES.

DIGITAL

by Karen Richter
Marketing Executive

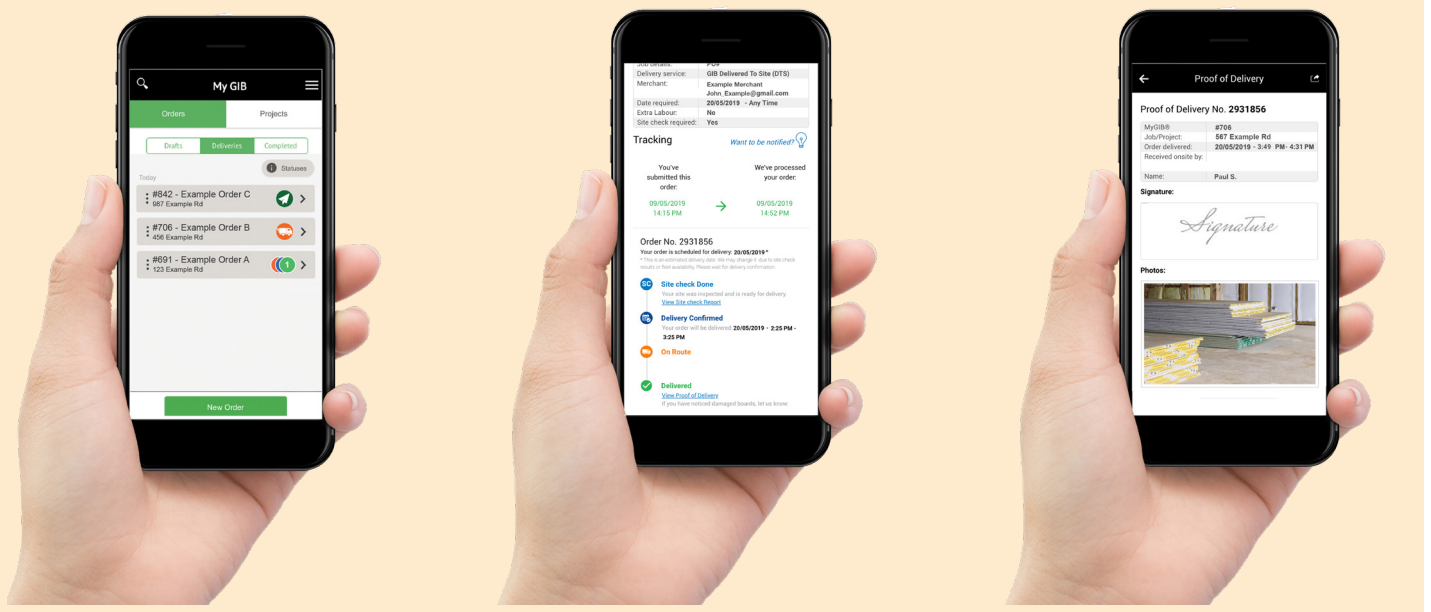
After months of intensive design and development, we've added new functionalities to the ordering tool which enables you to quickly and easily track the status of your MyGIB® orders, helping you stay ahead of the game and on top of your workflow.

We know your time is precious.

The new MyGIB® Order and Track tool's capabilities are part of our ongoing commitment to provide you with the best possible service. The MyGIB® Training Guide and video is available on gib.co.nz/MyGIB.

Features and Benefits:

- Personalised notifications preferences to track the status of your orders – No more calling around to find out when your order will arrive.
- Site check reports instantly available – To avoid costly delays.
- Receive notifications when truck is 'On Route' and monitor delivery progress in real time – Improved organisation for your onsite workforce.
- Proof of delivery reports including photos available on your phone – Check your delivery completion and where product has been placed.
- CSV-files for quick and easy order upload and integration to your company's system – Reduced double entry.



We would really appreciate hearing any feedback and improvement ideas. Get in touch via e-mail wwbdigitalteam@gib.co.nz or mobile 027 475 8289.

What's next?
Download the GIB® App and register at the 'MyGIB® Order and Track' tab.

DTS WELLINGTON DELIVERIES

SERVICE SUCCESS

by Kerry Lockyer
Area Sales Manager

The Wellington Delivered To Site (DTS) service commenced on schedule on Monday 6 May. The service started well, and customer feedback has been positive.

Holmes Wellington, a PlaceMakers Evan's Bay customer, used the service in the first week for their Adelaide Rd job located near Athletic Park. Ray Toland, the Site Manager for Holmes Wellington, commented:

"Yes, we were very happy with this new service and as the Site Manager not having to source my own staff for the day to carry GIB® plasterboard definitely takes the pressure off. We will definitely be continuing to use this service option. Thanks".

Aside from the benefits in site productivity achieved by having Winstone Wallboards dedicated teams deliver the board, other benefits of the service that have been observed include:

- No pallets left on site, reducing site clutter.
- Environmentally friendly. No unsightly plastic wrapping left on site as the board is unloaded into a covered space and is tarped instead of shrink wrapped. Given the wind in Wellington, this wrapping can end up in waterways and the ocean.
- General ease of being able to deal with Winstone Wallboards dedicated professional site delivery team.
- Professionalism of the site inspection process, and helpfulness in providing guidance on getting the site ready to accept GIB® plasterboard deliveries.

The Wellington team are demonstrating high levels of commitment to make this service successful and are looking forward to further supporting customers through the Delivered To Site service.

For further information visit gib.co.nz/ordering-and-delivery or call the GIB® Helpline on 0800 100 442.

JOHN JAMISON
TECHNICAL AND DEVELOPMENT MANAGER

We are very pleased to advise that John Jamison has been appointed to the role of Technical and Development Manager at Winstone Wallboards.

John has a background in Mechanical Engineering with General Management experience working in the Building and Construction industry.

He has worked for RISsafety as Country Manager and led his own Building Performance Consultancy called InsideOut. John also spent 12 years at Fletcher Aluminium where he moved across several roles from Product Development Engineer to Commercial Products Business Manager.

In his role, John will be responsible for creating customer value and supporting the achievement of business objectives by developing and implementing strategies and plans for new and improved products and systems as well as providing technical support to End Users, and to other Winstone Wallboards functions.

SUPPORTING THE PREFAB MARKET

CASE STUDY 1

by Richard Hunt
Senior Technical Support and Development Engineer

The housing shortage and affordability issues have generated an increase in prefabricated housing in New Zealand, and Winstone Wallboards is playing an instrumental role in supporting this growing market.

A recent wave of research and development has honed in on ensuring performance systems meet building code requirements and fit client expectations and manufacturing processes.

When designing houses for multi-unit developments a number of aspects must be taken into consideration.

These include not only the structural performance of the building but also the fire and acoustic performance. The panels used for this type of construction need to fit within the manufacturing methods, be robust enough for transportation and construction and also provide some degree of temporary weather protection.

Winstone Wallboards has been working closely with the client to model possible solutions.

As part of the development process, existing fire and acoustic systems were modified to fit manufacturing processes but also to ensure they met the performance requirements of the New Zealand Building Code.

To verify performance a number of intertenancy systems were modelled and extensive acoustic laboratory testing was undertaken in order to find an optimal solution.

Alternative methods of attaching linings have also been under investigation, as traditional methods prove too slow for the production of factory-made panels and stapling of linings has been determined as a good option.

Panelised construction is different than standard timber frame construction. Access to the timber frame is limited because panels are usually lined both sides, which makes it difficult to provide adequate hold-down of panels.

As a result, traditional methods of load transfer for bracing are not applicable, so the team at Winstone Wallboards have developed and tested a range of methods to hold down the panels.

Specific design and bracing values have been determined from this testing, and test reports and supporting documentation have now been provided to the client for territorial authority consenting.

GIB WEATHERLINE® GETS THUMBS UP FROM DOWN SOUTH

CASE STUDY 2

by Clara Sumner
Partnership Manager

Winstone Wallboards' recently launched GIB Weatherline® Rigid Air Barrier has just been installed on its first South Island home – and it has received rave reviews.

Christchurch installers Keith Cochrane and John Molten found the new exterior plasterboard easy to use, and said being able to score and snap it made the process fast and straight forward.

"To have the house closed in so quickly keeps the timber dry and makes for a nice working environment, as there's no wind or moisture finding its way in. It's a big advantage to have the house lockable and secure once the windows are in," says Keith, a Club GIB® Installer (CGI) member offering supply, fix and stop services predominately in the group housing sector.

The trump card for GIB Weatherline® is its ability to close houses in fast, thanks to its glass faced gypsum core rigid area barrier. But the product offers a raft of other benefits too. The pair noticed that it significantly cut down external noise even before the installation of insulation and internal linings, plus it made for an excellent bracing system, and reduced waste.

"It's great once you have GIB Weatherline® installed as bracing systems because you can take all the cross bracing down. That makes it really easy to work inside and you know the house is not going to move," says fixer John, who is a builder by trade.

"Waste can be minimal particularly if you can tell the pre-nailer to set the frames out at 1200 centre. Cut to length sheets make installation even faster and reduce waste even further which is good for the environment."

The pair needed a little time to get used to the taping, adding that a tape-master would be brilliant for the flat tapes, but both agreed GIB Weatherline® was a stellar product that performed really well.

"The product as itself is really good and we would both use it again".

SCREW HOLLOWS – WHY THEY OCCUR AND WHAT CARE TO TAKE

CASE STUDY 3

by Anuradha Abhyankar
Senior Chemist

At the time of writing this article the season is changing as we move from a hot dry summer to a damp autumn and winter. At the same time, we were getting feedback that screw heads appeared to be shrinking on a few jobs.

We took this up as a small project and set up varied tests for fact finding. What we have learnt can be briefly summarised as follows:

— Wallboard demonstrates hygroscopic and thermal expansion and contraction.
— Screws are likely to be fixed to different depths in the board.
a – Flush to the board surface
b – Just seated below the surface
c – Over driven screws

Things to watch out for.

If insufficient amount of glue/adhesive is applied, then there is the chance for the assembly to move.

Metal battens, if stressed on application, will try and revert to their original shape resulting in movement. The board that sits on the metal batten has more give and will pick up the movement.

Moisture control is key throughout the whole job.

Timber battens absorb moisture and can cause movement by pushing the board while the screw stays in the fixed position. (The maximum moisture content of timber framing at the time of lining must not exceed 18%.)

Moisture movement occurs around screw heads, more so on over driven screws. The moisture can come from compounds and paints. Adding water to these compounds and thinning paints can increase the likelihood of problems. Delayed shrinkage may also occur if each coat is not completely dried before the next coat.

Most of the cases of screw hollows occurred on ceilings, only occasionally on the walls. The ceilings we believe exhibit these more so due to the pull of gravity coupled with the weight of insulation.

To avoid call backs each part of the job needs to be done well.

In summary, it is not just one component responsible for the screw heads to hollow. Each bit plays its part and it all comes together when the painter comes in and does the first coat. This emphasises even more the need for each part of the job to be done well.

GIB WEATHERLINE® FIRE TEST

CASE STUDY 4

by John Kitchen
Area Sales Manager
- Architectural

In proprietary tests undertaken by two reputable international cladding manufacturers and their respective New Zealand Distributors, GIB Weatherline® was included in combination with claddings to pass two separate NFPA285 full scale Façade fire tests.

MBIE have recently announced the "Building Performance Guide: Fire Performance of External Wall Cladding Systems" which summarises available pathways for NZ Building Code Clause C3 External spread of fire and includes a risk matrix for fire testing protocols.

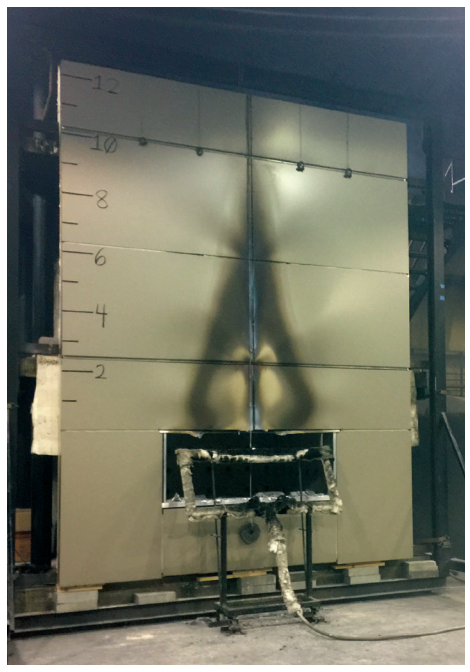
In buildings deemed Low Risk applications, GIB Weatherline® Rigid Air Barrier Systems meet or exceed the requirements of NZBC Performance Clause C3.5.

For Medium Risk applications, to comply with MBIE Protocol P1, GIB Weatherline® has been tested in accordance with ISO 5660-1, meets the requirements of C/AS2 to C/AS7 paragraph 5.8 and can be used as a component in medium risk applications provided other cladding components also comply with MBIE Protocol P1 guidelines.

However, to meet High Risk Applications MBIE protocol P3, 13mm GIB Weatherline® Rigid Air Barrier was tested on timber framing with internal insulation in two separate NFPA 285 full scale façade tests in combination with both Alucabond and Reynodual claddings systems.

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

ABOVE: Preparation for the fire test with GIB Weatherline® lining (left) and with cladding (right).



ABOVE LEFT: Fire test in progress. **ABOVE MIDDLE:** Completed fire test with cladding still in place. **ABOVE RIGHT:** Completed fire test with cladding removed and GIB Weatherline® visible.

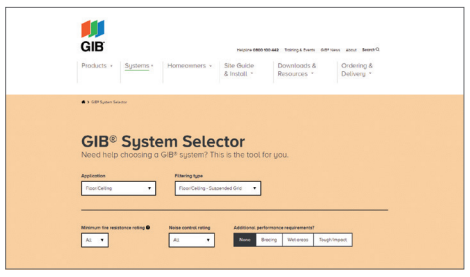
DOWNLOADS AND RESOURCES

WEBSITE

by Sarah Joblin
Marketing Services Coordinator

Trying to find a system but not sure what's best for your design? Tired of scrolling through endless CAD details to find that perfect match? You need not look further than the GIB® System Selector.

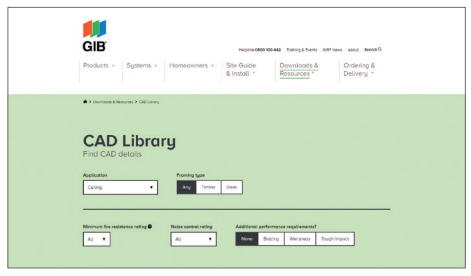
Found on the left side of our home page, or in the 'Downloads and Resources' tab on the GIB® website, this selector allows you to enter numerous variables, from application, and framing type to FRR and noise control rating, to find the best system for you.



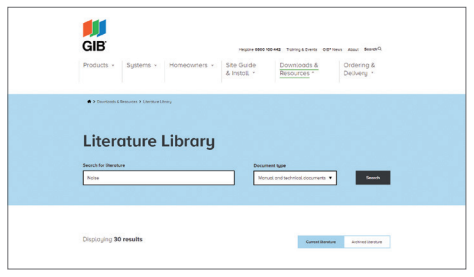
Once all the necessary requirements have been entered, the CAD Details for all relating systems will appear below the selector, and where available, bundles of systems for download.

If you already know the CAD details you require, head to the relevant system page and click on the 'CAD Files' tab – this will bring up all details relevant to this particular system, including the option for a bundle download.

Access the Literature Library via the homepage, or through the 'Downloads and Resources' tab. Simply enter a key word, select the document type, and search. If you are searching for past literature, click on the Archived Literature tab.



Our Literature Library is a goldmine for technical literature, both current and archived.



Looking for a technical article you had read in the GIB® News, recently or in the past? Now you can head over to the GIB® News page and scroll through articles featured in the GIB® News, both technical pieces, and announcements. The latest issues of GIB® News are also available.

Browse via category, eg, 'Talking Trade', 'Technical' to find the information you are looking for.

NEW GIB AQUALINE® SHEET LENGTHS AVAILABLE

PRODUCTS

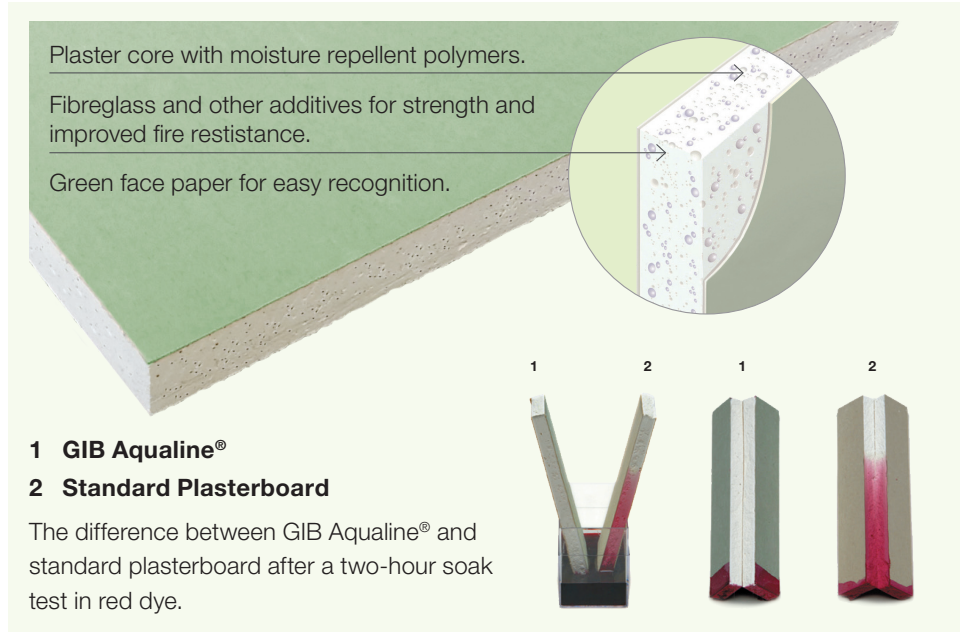
by Gordon White
Market Manager - Residential

In case you were not aware we have recently added some new lengths to the 10mm GIB Aqualine® range to better suit smaller wet area rooms such as kitchens and bathrooms.

The below taper edge/square edge (TE/SE) options have now been added to the GIB Aqualine® range to help reduce sheet wastage and cost in those smaller rooms.

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

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



1 GIB Aqualine®
2 Standard Plasterboard

The difference between GIB Aqualine® and standard plasterboard after a two-hour soak test in red dye.

GIB® FIRE RATED SYSTEMS SUPPLEMENT

TECHNICAL

by Frank Kang
Technical Support and Development Engineer

After release of the GIB® Fire Rated Systems literature last year our technical team has committed to ongoing development and continually looked for ways to offer improved systems and details for both designers and installers.

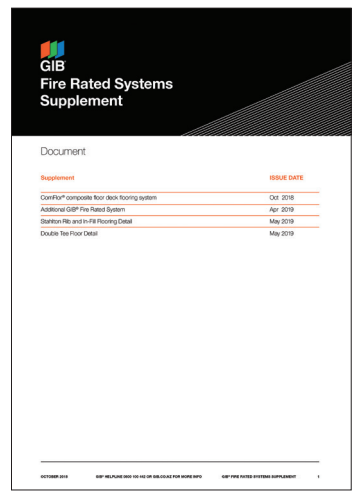
The GIB® Fire Rated Systems Supplement is a live document available on our website which collates any updates, changes and new information. From time to time technical contents will be uploaded and communicated to the market via this document.

In addition to the range of GIB® Fire Rated Systems available, based on recent full-scale furnace testing, the supplement now includes specification GBS 90a, a new two-way non-loadbearing 90 minute FRR steel stud system.

Furthermore, due to increasing demand and enquiries on junction details between GIB® Fire Rated Systems and structural flooring systems such as ComFlor®, Stahlton Rib and In-fill and Double Tee which are commonly used in a wide variety of commercial and residential applications, the applicable details have been developed for each type of flooring systems and uploaded into the supplement.

Other useful technical contents are on our radar too and soon to be released, so watch this space. If you want to be notified when technical updates are made, you can simply sign up to the GIB® database on our website.

Download the 'GIB® Fire Rated Systems Supplement' from gib.co.nz or call the GIB® Helpline 0800 100 442.



ASSESSMENT AND REMEDIATION OF WATER DAMAGE

TALKING TRADE

by Russell Pedersen
Technical Support
and Training Manager

Unfortunately, accidents happen. Never by design but they happen. If there has been an 'event' which involves water where it shouldn't be - where to from here?

Firstly, we need to get rid of the immediate problem, preferably as fast as possible. Let's get this water out of the picture and see how bad it is.

What to consider when assessing the damage:

01. Was the water clean or 'dirty'? Dirty means anything other than clean water from internal pipes, eg. sewage, flooding from a creek or surface overflow from a neighbouring site. Dirty water carries all sorts of nasties, so the plasterboard will need to be replaced.
02. Is there any mould? Presence of visible mould means there's a high chance of trouble going on behind, where you can't see.
03. Are there multiple layers of plasterboard? It is very difficult to adequately dry between layers of plasterboard, so this generally would be considered for replacement.
04. How long has it been since the 'event'? If it's been less than 48 hours and you are getting things on the way to dry, then you have greatly increased your chances of salvation. Anything past 60 hours and the ship has sailed.
05. Is the insulation wet? Unfortunately, wet insulation is nigh on impossible to dry out as it tends to get waterlogged, this holds the water behind the board and is the perfect breeding ground for mould.

As plasterboard is generally an interior use product, the assumption is that the building is, and will remain, E2 compliant and stay dry. If there is continual water contacting the board and, even if it fully dries out each time, the gypsum core will eventually weaken in its structure and become crumbly within the paper face/back.

OK, so if it's getting dry and it passes the criteria above you are probably going to have a high chance of saving the board.

If it doesn't, you need to consider replacing the board.

Replacing Water Damaged Board.

The level of difficulty replacing the water damaged board will be determined by accessibility, how many layers and if it's a "performance" system. Keeping in mind a "performance" system is dependent on the individual GIB® components to remain dry in service to remain effective for the life of the building – typically 50 years according to the building code.

If it is a bracing element the minimum size part sheet in a Brace wall is 300mm so at a minimum, you will need to replace the bottom 300mm. Where sheet butt joins occur, it is best practice to back-block with GIB® Cove Bond®. All joints must be taped and stopped as per GIB® Site Guide.

If it is a Fire wall, all sheet edges/joints usually must be fixed on a solid member as a minimum* (stud or nogg). If there are 2 or more layers on one side, these layers must be overlapped by a minimum of 200mm and the sheet edge of each layer must have it's own solid fixing.* Again, all joints on the outer layer must be taped and stopped as per GIB® Site Guide.

If there is any mould on the face of the board, this can sometimes be dealt with by killing the bacteria by using a suitable chemical but care must be taken to not damage the paper back/face. Please be aware that mould spores can sometimes be deeply ingrained in the core and 'survive' cleaning, so this is definitely not the preference.

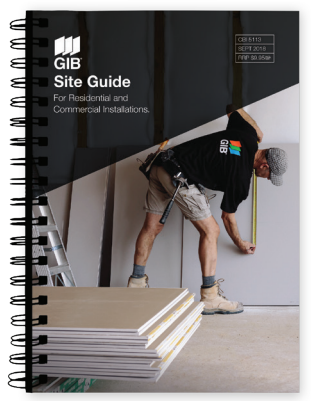
In addition, to achieve the optimal quality of the overall finish, the stopping compound, paper face and gypsum core need to be "as new", the timber framing needs to be fully dry to avoid future screw popping, which can sometimes happen even 6 months after the wall was lined. This is generally due to timber shrinkage.

Finishing.

Adjacent surfaces need to be free of paint/wallpaper. The sheet joint and any large voids, can then be filled and taped with GIB Tradeset® 20 or 45. Once dry, top coat with an Air drying compound like GIB Plus 4® can then follow with a good sealer and paint.

** Check the relevant System Literature for details.*

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



RAISING THE STANDARD FOR HEALTHIER ENERGY EFFICIENT HOMES

EVENTS

by Clara Sumner
Partnership Manager

The goal of the Superhome Movement is to mitigate the effects of housing on the environment by normalising healthier, resource efficient homes which utilise renewable and passive energy, collect and reuse rainwater and minimise waste. The Movement provides open source sharing of new design ideas, technologies and building techniques, by connecting leading experts in the industry with each other and the wider community.

The Superhome Tours are now in their fourth year. Initially run as an annual event, there are now three tours planned for 2019 where you can take free self-guided tours of the healthiest, energy efficient homes and hear the owners, designers and builders talk about their projects.

Following the tours, attendees are invited to workshops where they can delve further into the topics and learnings introduced on the tours. For the first time this year, they are also introducing 3D Virtual Tours that will eventually contain educational information to learn about the important innovations in Superhomes.

One of the founders of the Movement, Bob Burnett, has first-hand experience of the impact of poor housing on health. After the Christchurch earthquakes, his family was forced to relocate from their healthy energy efficient home into substandard rentals. The health of his children deteriorated rapidly. Doctors attributed this to inadequate housing. He felt compelled to take action, and in August 2015 he launched the Superhome Movement to coincide with the creation of New Zealand's first 10 Homestar-rated homes.

Superhome movement is creating awareness for homeowners, builders and designers, triggering the behavioural change in decision making on designing and building superior homes. The current building code describes the lowest possible building standards that are legally permitted across New Zealand. The building code is universally mistakenly used as the target quality standard rather than a legal minimum. The current code is over 20 years out of date and does not present adequate levels of comfort, health and wellbeing, or a low carbon, sustainable future.

To view the 3D virtual tour, go to superhome.co.nz.

WINSTONE WALLBOARDS IS COMMITTED TO PROTECTING THE ENVIRONMENT.

SUSTAINABILITY

by Melissa Semmens
Market Manager - Commercial

Local manufacture.

GIB® plasterboard and compounds are manufactured in New Zealand*. We have complete oversight of our factory conditions and the teams who works in our manufacturing plants. Our decision to manufacture locally supports local jobs and directly supports the country's economy.

**Note: GIB Barrierline® plasterboard is manufactured to Winstone Wallboards' specific specification from a reputable overseas manufacturer.*

Most of our waste from manufacture is either recycled or composted for agricultural use. We are actively researching ways to reduce GIB® product related waste from renovations and building site; our cut to length service is already helping to achieve this.

- Winstone Wallboards is committed to a holistic view of sustainability: environmental, social and economic.
- We manufacture products that are good for the environment.
- We actively consider the full lifecycle of our products and support recycling initiatives both from our manufacturing and general construction waste.
- We innovate systems and solutions that keep people safe and protected in buildings.
- We support jobs and growth within our communities.

The absence of fly ash as a bulk filler differentiates GIB® plasterboard from imported alternatives, many of which still use this hazardous derivative of coal extraction in significant quantities in the board core.

GIB® products are certified through Green Star, Global GreenTag and Declare.

Green Star.

Green Star is a comprehensive, national, voluntary environmental rating scheme that evaluates the environmental attributes and performance of New Zealand's buildings using a suite of rating tool kits developed to be applicable to each building type and function.

GIB® plasterboard and related products and services may contribute to Green Star points. The maximum contribution depends on the project type.

Global GreenTag Certification.

Global GreenTag is one of the world's most robust, trusted and widely recognised ecolabels. GIB® Standard, GIB Fyreline®, GIB Braceline® / GIB Noiseline®, GIB Toughline®, GIB Wideline®, GIB Ultraline® and GIB X-Block® plasterboards have achieved GreenTag certification.

Declare Certification.

Considered the most advanced sustainability certification in the built environment, Declare is like a nutritional label for building products, offering specifiers, contractors and building users insight into the ingredients used in the manufacture of building products.

GIB Aqualine®, GIB Fyreline®, GIB® Standard, GIB Toughline® and GIB Braceline®/GIB Noiseline® have all achieved Red List Free status (the highest Declare status possible).

GIB® plasterboard is a sustainable, non-toxic, compostable product made from natural gypsum and 100% recycled paper.

Environmental Product Declaration (EPD).

Winstone Wallboards has been the first and only plasterboard manufacturer in Australasia to publish an Environmental Product Declaration (EPD). The EPD quantifies the environmental performance of GIB® plasterboard including its carbon footprint, embodied energy and other environmental data.

Projects utilising GIB® plasterboard will qualify for full Green Star points due to Winstone Wallboards holding an EPD for six or more products. The EPD for GIB® plasterboard is available on the GIB® website.

Waste recycling.

Winstone Wallboards works closely with local waste companies on initiatives to recycle plasterboard waste.

Plasterboard is collected separately from general building and construction waste through Green Gorilla's custom designed and built plasterboard processing system. The waste volumes and tonnages are recorded and reported per project for builders and their customers. This allows plasterboard recovery statistics to be provided as part of total site landfill diversion and environmental reporting for Greenstar and Homestar accreditation.

In Christchurch, plasterboard manufacturing waste from Winstone Wallboards in Christchurch is processed by Canterbury Landscape Supplies with off-cuts shredded and screened to return it to gypsum form. The recycled gypsum is supplied as a soil conditioner to farmers, freight companies, orchards and vineyards.

For more information visit gib.co.nz/sustainability

GIB®

Get in touch via our website **gib.co.nz**
Call the GIB® Helpline **0800 100 442**