

BUILDINGTODAY

THE OFFICIAL MAGAZINE OF THE REGISTERED MASTER BUILDERS ASSOCIATION



VOLUME 25 NUMBER 8

SEPTEMBER 2015

www.buildingtoday.co.nz

INSIDE:

30,000 TONNE STORAGE DOME EMERGES

NZCPA ENTRIES
NOW OPEN

NZ TOOLS MARKET IN
GOOD SHAPE



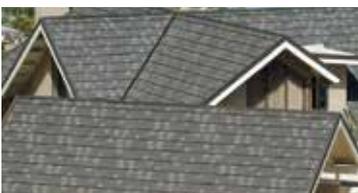
ALSO INSIDE:

HOUSE OF THE YEAR GOLD RESERVE NATIONAL FINALISTS > NON-COMPLIANT PRODUCT

www.gerardroofs.co.nz



Gerard put five layers of protective coatings between the steel of your roof and the wrath of nature.



Steel tile roofs were invented in New Zealand. These windswept islands were where Gerard developed the systems that keep their roofs looking good, year after year, in spite of Mother Nature's harshest punishments. It's among the reasons Gerard roofs are now used in over 120 countries, with all sorts of weather challenges. Gerard roofs are prepared for them.

The worry-proof roof.®

**GERARD**
ROOFS

BUILDINGTODAY

SEPTEMBER 2015 VOLUME 25 NUMBER 8

10-22

INDUSTRY NEWS

Non-conforming insulation in Australia; Auckland companies clean up at Electricians Awards night; Seminars focus on risks of using non-compliant steel

26-28

TOOLS

New Zealand tools market in good shape; Impact driver accessories launched

32-34

OPINION

The real dollar cost of the falls from height campaign; Letters to the Editor

FROM THE EDITOR

Columnist Mike Fox gets down to the nitty gritty with some quantifiable figures regarding the falls from height campaign in this issue.

It appears from the feedback *Building Today* has received (see Letters to the Editor, page 34) that there are plenty of builders out there agreeing with what Mike is saying.

Let us know your feelings on the thought-provoking material he is writing for *Building Today*.

Another issue in the news pages this month concerns non-conforming products infiltrating the construction markets in New Zealand and Australia.

It obviously pays to stay alert and to know exactly what you're buying when sourcing overseas-made product.

Andrew Darlington — Editor

4-8

RMBA NEWS

Registered master Builders 2015 House of the Year Gold Reserve National Finalists named; New Zealand Commercial Project Awards 2016 now open

24

BCITO

Celebrating NZ's top performing BCITO apprentices

30-31

PRODUCT REVIEW

Edge protection — to hire or buy? The Stock Box; Rigid subsill flashing system; Dust extractors

36-38

COLUMNISTS

Looking back — the LBP Board's first appeal; Holcim's Timaru Dome; Over-promising and under-delivering . . .

PUBLISHER: Taurean Publications Ltd
PO Box 35343, Browns Bay, Auckland 0753

EDITOR: Andrew Darlington 09 478 4888 021 90 11 56
andrew@buildingtoday.co.nz

ADVERTISING MANAGER: John Helsdon 021 164 2960
john@buildingtoday.co.nz

BUILDING TODAY is the official magazine of the Registered Master Builders' Association of New Zealand. Advertising statements and editorial opinions expressed in *Building Today* do not necessarily reflect the views of RMBA members, its executive or committees; or of the chief executive and staff unless expressly stated. Further, the RMBA and members are not liable for any statements made in *Building Today* unless otherwise stated. The editor reserves the right to edit, amend or reject copy where necessary. The publisher does not assume any responsibility or liability for any loss or damage which may result from any inaccuracy or omission in this publication, or from the use of the information contained herein. No warranties, express or implied, are made with respect to any of the material contained herein.

1-year subscription: \$57.50
ISSN 1171-0225 (Print)

ISSN 1171-1264 (Online)

NZCPA — entries are open!

Chief's Chat

By CEO David Kelly

There are a couple of exciting initiatives taking place at the moment.

First, entries are now open for the New Zealand Commercial Projects Awards (NZCPA). This is the fourth year under the new format, and we have streamlined the entry process to make it much easier to enter.

Having attended the Gala evening earlier this year, I was extremely impressed with the quality and range of entries.

The awards can be entered by any significant member of the project team, whether they be a construction company, contractor, designer or the owner, with the key focus being on the whole project team and the building process.

The NZCPA has quickly established itself as one of the most prestigious commercial building events on New Zealand's construction



calendar, and we have plans to continue to build the awards even further.

Entries are open until November 2. For more information go to www.commercialprojectawards.co.nz.

The second initiative is the soon to be launched online business benchmarking tool called Ranqx.

We have an ongoing commitment to improving members' capabilities and skills to help them run a better business. With this tool members will have the ability to anonymously and securely benchmark their business performance against others in the industry.

Members will be able to upload and review some core financial and business performance data, as well as use the simple, quick customer feedback tool to understand what customers are saying about them.

Registered Master Builders has negotiated a special launch offer where the first 100 members who sign up for the Ranqx annual business plan will get the first three months free (the cost is usually \$19 per month).

Ranqx will be available very soon, so if you are interesting in signing on, please contact Tracey Bree at tracey.bree@masterbuilder.org.nz.



NEW ZEALAND COMMERCIAL PROJECT AWARDS 2016

Celebrating building excellence in the many
different facets of commercial construction

This awards programme recognises New Zealand's outstanding commercial construction and the project teams that work together to create our city skylines and rural landscapes.

Open to all organisations within the project team (construction, architecture, engineering, quantity surveying, property owners etc), the properties vie for Gold, Silver and Bronze within their category as well as National Titles and the Supreme Award overall.

The award categories are: Commercial and Civic Project, Education Project, Health Project, Industrial Project, Residential Project, Restoration Project, Retail Project, Tourism and Leisure Project, Value Awards (Under \$2m, \$2m-\$5m, \$5-\$15m, Over \$15m).

If your organisation has contributed to a project to be proud of, the New Zealand Commercial Project Awards is the perfect platform to showcase that quality construction.

ENTRIES
NOW OPEN

WWW.COMMERCIALPROJECTAWARDS.CO.NZ



Owned by



Sponsors







Canterbury rebuild inspires winning apprentice

Hamish Ward had to be persuaded to enter the Registered Master Builders Carters 2015 Central South Island Apprentice of the Year competition, but is “stoked” to now have been named the winner.

The 26-year-old Christchurch man works for Leighs Construction, and is studying towards a Diploma in Construction Management. Hamish originally joined the army, but moved into construction after assisting in Christchurch after the earthquakes. He says it felt like a natural career choice for him.

“I’m very practically minded, an analytical thinker, and I always like to see how things are put together,” he says. “Since I was quite young, I’ve always been around renovations in the family home, so when I decided to change paths it was only fitting I took up construction.”

Hamish says Leighs Construction South Island operations manager Graeme Earl was the one who encouraged him to enter Apprentice of the Year after he received an apprentice award at work.

“I’m pretty stoked I entered. The competition is a great opportunity to take a big look at yourself, and see how you stack up against your peer group. To be able to do that early on in your career is pretty amazing.

“The competition lets you look forward and see where you’re going to go, and where you want to be.”

Judges said Hamish is a future industry leader who showed “passion and enthusiasm” for the building trade.

“Hamish impressed us from the outset with his confidence and direct communication skills. He explained his project in a faultless manner, and has thorough and extensive building knowledge in both commercial and residential construction,” they said.

“His enthusiasm for the building trade and his desire to succeed was evident. He impressed us with his positive attitude to teamwork, and had natural project leadership.”

Hamish encourages other students to consider an apprenticeship because of the opportunities the industry offers.



From left: Leighs Construction South Island operations manager Graeme Earl, Registered Master Builders Carters 2015 Central South Island Apprentice of the Year Hamish Ward, and Leighs Construction contracts manager Andrew Clucas.

“The building and construction industry is so diverse. Once you’re through the first three to four years of your apprenticeship you can move on to be a foreman, site manager, project manager, get into quantity surveying, start your own business or even move to sales.

“The industry is just so massive, and to have the apprenticeship tick in the box behind you really gives you the start of your career. The skills you learn through your training not only help you in the workforce but in general life.”

Hamish is looking forward to competing in the National Apprentice of the Year competition in Auckland in October. “I’m excited to see how the Christchurch and Southern guys stack up with the rest of the country!” he says.

Hamish loves working with commercial buildings in Christchurch, and hopes to enter a

future project in the New Zealand Commercial Project Awards.

Apprentices, employers and young people aspiring to be a part of the construction industry are encouraged to join the Facebook page at www.facebook.com/apprenticeoftheyear.

For more information visit www.apprenticeoftheyear.co.nz.

Owned by the Registered Master Builders Association, the Apprentice of the Year competition is made possible thanks to principal sponsor Carters, the Building and Construction Industry Training Organisation (BCITO), and supporting sponsors the Ministry of Business, Innovation and Employment (MBIE), and APL through their Altherm, First and Vantage brands.

OWNED BY



PRINCIPAL SPONSOR



EVENT PARTNER



SPONSOR



SPONSOR



TOP 100 HOMES IN RUNNING FOR NZ HOUSE OF THE YEAR HONOURS

One Hundred of the best homes in New Zealand have been named as Gold Reserve Finalists in the country's premier residential building awards, the Registered Master Builders 2015 House of the Year.

Registered Master Builder's Chief Executive David Kelly says there's real diversity among the finalists this year.

"There's an English style country home with grand stature, a 1970s beachfront bach that's been given a new lease of life, and homes made of the most sustainable materials available. There are homes that exude wow factor, and others whose excellence is only visible to the trained eye."

Representing the top entrants in this year's regional competitions held in July and August, the Gold Reserve National Finalists will now be re-judged by the national judging panel to find out who will take out the ultimate accolades of the Supreme Awards for House of the Year and Renovation of the Year.

Finalists also have the opportunity to win one of the 12 national category awards, as well as separate awards for lifestyle categories such as best kitchen, best bathroom and best outdoor space. There's also an award for the most sustainable home.

The results will be announced at a gala dinner in Auckland on Saturday, 14 November.

"We're very proud that we are continuing to see impeccable work from the builders named as this year's Gold Reserve finalists," David says.

"Building quality homes is central to what we do as Registered Master Builders, and the impressive workmanship and high standard of the homes at this stage of the competition prove that quality is still our highest priority," he says.

The National Gold Reserve Finalists' properties will now be judged again over the next few months before the National Category, Lifestyle and Supreme Award winners are announced in November.

The Awards are made possible through the support of PlaceMakers, Master Build Services, James Hardie, GIB, Nulook, SafetyMate, Carters, ITM, Plumbing World, Resene, Westpac and Mitre 10.

For more information about the competition, visit www.houseoftheyear.co.nz

GOLD RESERVE NATIONAL FINALISTS BY REGION

7

BAY OF PLENTY
CENTRAL PLATEAU



6

MANAWATU
WANGANUI



5

MARLBOROUGH, NELSON
& WEST COAST





24
AUCKLAND



10
WAIKATO



2
EAST COAST



3
TARANAKI



8
WELLINGTON
WAIRARAPA



23
CANTERBURY



4
MID & SOUTH
CANTERBURY



8
SOUTHERN



2015 Gold Reserve National Finalists by region

AUCKLAND

Mitre 10 Renovation Award \$250,000 - \$500,000

Broswick Builders Ltd for a home in Devonport
Percival Construction Ltd for a home in Whangapoua
Future-Proof Building Renovation Award over \$500,000

Glover Homes Ltd for a home in Albany
Faulkner Construction Ltd for a home in Clevedon
PlaceMakers New Home \$400,000 - \$500,000
Precision Homes NZ Ltd for a home in Ardmore
Peter Dyer Builders for a home in Muriwai
SICATO Residential Ltd for a home in Silverdale

Nulook New Home \$650,000 - \$1 million

Ohlson and Whitelaw Ltd for a home in Pukekohe
Steve Haycock Construction Ltd for Pakiri
Jalcon Homes for a home in Milford

Carters New Home \$1 million - \$2 million

Absolute Building Services Ltd for a home in Okura
David Reid Homes Counties for a home in Papakura
QPC Builders for a home in Devonport
Steve Haycock Construction Ltd for a Stanmore Bay
H N S Construction Ltd for a home in Epsom
Marcus Jones Ltd for a home in Northland

Westpac New Home over \$2 million

WG de Gruchy Construction Ltd for a home in Epsom
Allan Wallace Builders Ltd for a home in Taupaki
Lindesay Construction Ltd for a home in Parnell
K2 Builders Ltd for a home on Waiheke Island
Builder's Own Home Award

Finesse Residential Ltd for a home in Manukau

Ascension Homes Ltd for a home in Pokeno

GIB Show Home Award

Jalcon Homes for a home in Long Bay
The House Company Ltd for a home in Warkworth

BAY OF PLENTY

Mitre 10 Renovation Award \$250,000 - \$500,000

Gudsell Designer Homes Ltd for a home in Tauranga
PlaceMakers New Home \$400,000 - \$500,000
Urbo Homes for a home in Rotorua

James Hardie New Home \$500,000 - \$650,000

TWL Construction for a home in Taupo
Nulook New Home \$650,000 - \$1 million
Murray Pederson Builders Ltd for a home in Mt Maunganui

Carters New Home \$1 million - \$2 million

Harwood Homes NZ Ltd for a home in Tauranga
Richard Stewart Building Ltd for a home in Taupo
Westpac New Home over \$2 million

Shaw Builders Ltd for a home in Mt Maunganui

CANTERBURY

Future-Proof Building Renovation Award over \$500,000

Paul Reed Homes for a home in Hillsborough
PlaceMakers New Home \$300,000 - \$400,000
Todd Starkey Builders Ltd for a home in Rangiora
PlaceMakers New Home \$400,000 - \$500,000
Metzger Builders Ltd (MBL) for a home in Halswell
JD Homes for a home in Hoon Hay
High Country Homes Ltd for a home in Hurunui District
Ross Bailey Builder Ltd for a home in Akaroa
Stonewood Homes Ltd for a home in Waitikiri
James Hardie New Home \$500,000 - \$650,000
High Country Homes Ltd for a home in Rangiora

Nulook New Home \$650,000 - \$1 million

HQ Construction Ltd for a home in Papanui
JD Homes Ltd for a home in Rolleston

Carters New Home \$1 million - \$2 million

John Creighton Builder Ltd for a home in Fendalton
John Creighton Builder Ltd for a home in Redcliffs
Metzger Builders Ltd (MBL) for a home in Clearwater
Gregg Builders Ltd for a home in Redcliffs
Gregg Builders Ltd for a home in Northwood
Jim the Builder for a home in Sumner
Wayne Murray Builders Ltd for a home in Halswell
Takahe Construction for a home in Fendalton
Jim the Builder for the home in Halswell

Westpac New Home over \$2 million

Sugrue Construction Ltd for a home in Merivale
Bradford Building Ltd for a home in Tai Tapu
Neil Rich Builders Ltd for a home in Fendalton
Builder's Own Home Award
Metzger Builders Ltd (MBL) for a home in Clearwater

EAST COAST

Future-Proof Building Renovation Award over \$500,000

Bain Construction T/A Landmark Homes for a home in Gisborne

Carters New Home \$1 million - \$2 million

Ainsworth & Collinson Ltd for a home in Havelock North

MARLBOROUGH/NELSON/WEST COAST

ITM New Home up to \$300,000

Hybrid Homes for a home in Nelson
PlaceMakers New Home \$300,000 - \$400,000
Inhaus Developments Ltd for a home in Tasman
Jennian Homes Nelson Bays Ltd for a home in Tennyson Inlet
Builder's Own Home Award
Hybrid Homes for a home in Nelson

GIB Show Home Award

Innovative Design & Construction Ltd for a home in Nelson

MID AND SOUTH CANTERBURY

Future-Proof Building Renovation Award over \$500,000

Wilson Building Timaru Ltd for a home in Timaru
PlaceMakers New Home \$400,000 - \$500,000
Lone Pine Building Ltd for a home in Timaru
Wilson Building Timaru Ltd for a home in Timaru
High Country Carpentry Ltd for a home in Lake Tekapo

MANAWATU/WANGANUI

MBS Renovation Award up to \$250,000

Mossman Construction Ltd for a home in Palmerston North

Mitre 10 Renovation Award \$250,000 - \$500,000

Alteration Specialists Manawatu Ltd for a home in Palmerston North

Future-Proof Building Renovation Award over \$500,000

Avenue Construction Ltd for a home in Taupo

ITM New Home up to \$300,000

Wat's On Building Ltd for a home in Wanganui
PlaceMakers New Home \$400,000 - \$500,000
Fowler Homes (Manawatu) Ltd for a home in Palmerston North

James Hardie New Home \$500,000 - \$650,000

Arnott & Arnott Builders for a home in Foxton

SOUTHERN

Future-Proof Building Renovation Award over \$500,000

A J Saville Builder Ltd for a home in Queenstown

PlaceMakers New Home \$400,000 - \$500,000

Keith Mackenzie Builder for a home in Cromwell

James Hardie New Home \$500,000 - \$650,000

Keith Mackenzie Builder for a home in Bannockburn

Nulook New Home \$650,000 - \$1 million

Dunlop Builders Ltd for a home in Wanaka

Carters New Home \$1 million - \$2 million

The Lakes Building Co Ltd for a home in Queenstown
Lew Walker Ltd for a home in Mosgiel

Westpac New Home over \$2 million

Trinity QT Construction for a home in Queenstown
The Breen Construction Company Ltd for a home in Wanaka

TARANAKI

Future-Proof Building Renovation Award over \$500,000

Bell Building Ltd for a home in New Plymouth

ITM New Home up to \$300,000

Pepper Construction Ltd for a home in New Plymouth

Nulook New Home \$650,000 - \$1 million

Topp Construction Ltd for a home in New Plymouth

WAIKATO

PlaceMakers New Home \$300,000 - \$400,000

Design Builders Waikato Ltd for a home in Whangamata

PlaceMakers New Home \$400,000 - \$500,000

Urban Homes for a home in Tamahere
Euro Construction Ltd for a home in Hamilton

Nulook New Home \$650,000 - \$1 million

Karl Kampenhout Builders Ltd for a home in Cambridge

Carters New Home \$1 million - \$2 million

Urban Homes for a home in Coromandel

James Hardie New Home \$500,000 - \$650,000

J A Bell Building Ltd for a home in Tamahere

PlaceMakers New Home \$400,000 - \$500,000

CJW Build Ltd for a home in St Andrews

Carters New Home \$1 million - \$2 million

CJW Build Ltd for a home in Horsham Downs

Builder's Own Home Award

Karl Kampenhout Builders Ltd for a home in Tamahere

GIB Show Home Award

Gudsell Designer Homes Ltd for a home in Matamata

WELLINGTON/WAIRARAPA

Mitre 10 Renovation Award \$250,000 - \$500,000

Scotty's Construction 2002 Ltd for a home in Roseneath

Future-Proof Building Renovation Award over \$500,000

NT Stevens Ltd for a home in Mt Victoria

PlaceMakers New Home \$300,000 - \$400,000

Jennian Homes Wairarapa for a home in Carterton

Carters New Home \$1 million - \$2 million

Simon Roche Ltd for a home in Eastbourne

David Reid Homes (Kapiti) Ltd for a home in Waikanae
David Reid Homes (Kapiti) Ltd for a home in Seatoun
Scotty's Construction 2002 Ltd for a home in Lower Hutt

The logo for PlaceMakers, featuring the brand name in a white sans-serif font with a blue and red underline, set against a dark blue background with a yellow and blue circular graphic element.

PlaceMakers®

WE PROMISE



250 core trade items always in stock



Over 100,000 products available



1 hour order & pick up service



To answer your call within 30 seconds
or we'll call you back within the hour



Accurate invoicing – no surprises



To deliver to site in full & on time
or we refund the delivery fee



To deliver your frame & truss order
within the agreed time or we pay you
\$200 per day

Conditions apply. Find out more in-store.

Non-conforming insulation — three out of three Chinese products fail Australian tests

The use of non-conforming insulation in Australian buildings continues to undermine the National Construction Code, according to manufacturer Kingspan Insulation.

"It's time for the entire building industry to take a stand against misleading, non-conforming insulation products — the costs are simply too great to ignore," according to Kingspan Insulation Australasia managing director Scott Gibson.

Kingspan Insulation recently commissioned independent testing of three separate rigid phenolic insulation products imported into Australia from China.

All three products failed to meet the declared R-Values for these products in thermal tests, which relate to the insulating characteristics of materials.

"The tests, conducted by the NATA-accredited independent laboratory AWTA, found these products' R-values were overstated by 70% on average, with the worst result at over 90%," Mr Gibson says.

He says Product A, a 40mm-thick insulation panel, had an advertised R-value of 2.1, but on testing an actual R-value of just 1.1. Product B, a 25mm-thick panel, had an advertised R-value of 1.2, but a tested R-value of 0.8. The final Product C, a 40mm-thick panel, had an advertised

R-value of 1.9, and a tested R-value of just 1.1.

In addition, Kingspan Insulation technical and R&D manager Keith Anderson says two of the test products are being promoted as "closed cell" phenolic insulation, which testing revealed to be false.

The industry benchmark for closed cell content for phenolic insulation is 90%. However, the tested products had insignificant closed cell content, ie 0.01% and 3.25% respectively.

"Non-conforming insulation products are inefficient, unethical and potentially dangerous," Mr Gibson says. "We shouldn't tolerate deceptive products that impose heavy costs on the community."

The costs pertaining to non-conforming insulation are profound:

- Buildings with substandard or unfit-for-purpose insulation could be a fire hazard, as fire-resistance characteristics might not accord with engineering specifications.
- Poor-performing insulation reduces the effectiveness of heating and cooling systems, causing unnecessary energy wastage.
- Energy wastage is a drain on the wider society, requiring enhanced infrastructure to meet energy demands and creating higher carbon emissions, contrary to government policy.
- Occupants of buildings with poor-performing insulation face higher utility bills, which can

reduce the appeal/value of real estate.

Mr Gibson says all levels in the construction supply chain, including building professionals and regulators, have a duty of care to their clients and the community to make sure insulation products comply with mandatory performance benchmarks.

"Apart from the above mentioned risks and hazards, the sale of non-conforming insulation products breaches consumer law," he adds.

"When customers pay for a product and receive an inferior item, they have been duped and misled — that is misleading and deceptive conduct, and it is immoral and illegal.

"It is deeply concerning to realise that non-conforming insulation has been installed in high-density structures in Australia, including hospitals, retail shopping centres and apartment buildings.

"Self-declared testing and performance claims simply cannot be trusted anymore."

Mr Gibson says the safest solution is to rely on third-party independent accreditation to ensure products are properly rated, and meet or exceed minimum quality standards.

Insulation products with CodeMark certification, for instance, have been independently endorsed and tested in accordance with national standards and codes.



900mm Wall Hung Vanity and Tower (Scorched Oak)

INTRODUCING THE NEW TIMBER LOOK VALENCIA FURNITURE RANGE

The contemporary, minimalist design of the Valencia vanities is now available in two new timber-look finishes.

- Available in scorched oak and salty elm finishes, as well as classic white
- Moisture resistant exterior
- Single integrated bowl
- Wall hung or floor standing in sizes 750mm or 900mm
- Enclosed cabinet for easy installation
- Matching Valencia towers are also available – wall hung only



ENGLEFIELD
A KOHLER COMPANY

Trusted in New Zealand
Since 1982



900mm Floor Standing (Salty Elm)



750mm Wall Hung (Scorched Oak)

E15BT065

AVAILABLE FROM LEADING PLUMBING AND BUILDING MERCHANTS. Website englefield.co.nz • Customer Services 0800 100 382

NEW ZEALAND'S FASTEST WAY TO INSTALL WINDOWS.



smartfit®
WINDOW TECHNOLOGY

Get the job done easier and faster with Smartfit®

Smartfit® is a ready-to-fit window or door that arrives with built-in head flashings, jamb flashings, cavity closers, end dams and sill support bars. Which means it can be taken off the truck and fitted immediately. There is no need for expanding foams, silicones or PEF rods. Just place the window or door in the opening and screw it into position through an outer fixing fin. To find out more, visit smartfitwindows.co.nz or call 0800 031 031.

Made exclusively by:



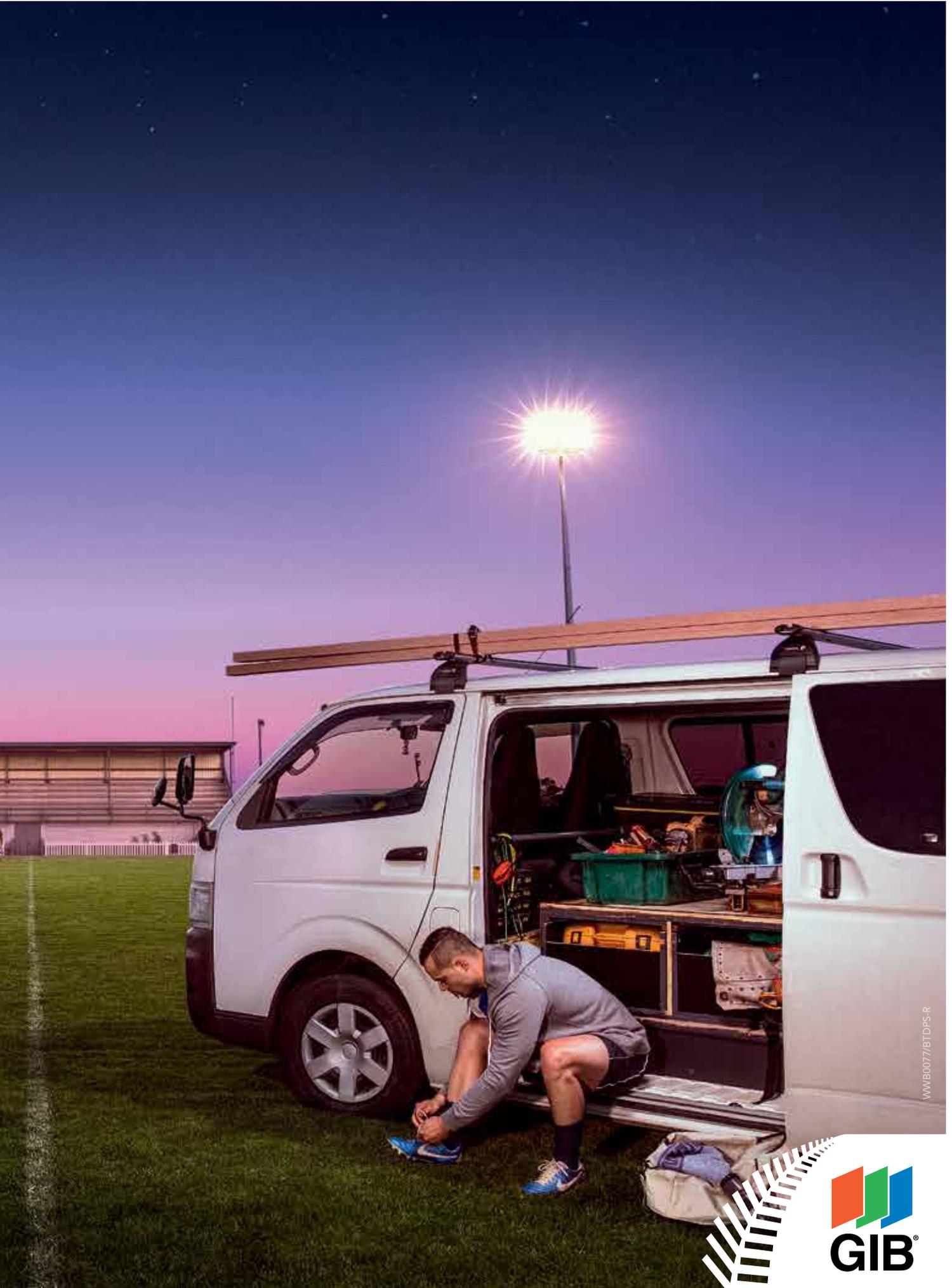
THIS IS OUR HOME

PEACE OF MIND LONG AFTER YOU'VE LEFT THE SITE.

We put all our time, energy and care into delivering reliable products, systems, services and support that help your jobs run smoothly. So you can move on with confidence.

TRIED. TRUSTED. TRUE.





www.0077/btdps.r



Holcim and Lafarge complete global merger

Holcim Ltd and Lafarge S.A. have completed their global merger and have launched LafargeHolcim, a world leader in the building materials industry.

All conditions for the completion of the merger have been fulfilled following the successful completion of the public exchange offer and the issuance of new Holcim shares to Lafarge shareholders.

Holcim's shareholders had previously approved the merger-related resolutions at an Extraordinary General Meeting in May.

With the completion of the merger, the mandate of the new board of directors and of

the new executive committee with Eric Olsen as chief executive became effective.

LafargeHolcim also unveiled its new logo and corporate identity which has been designed to demonstrate that Holcim and Lafarge have united to form one company, expressing the leadership and strength of the new group.

Industry benchmark

LafargeHolcim board of directors co-chairman Wolfgang Reitzle said LafargeHolcim had a unique business portfolio, was the industry benchmark in Research and Development, and offered its

customers the widest range of innovative and value-adding products, services and solutions — from smallholders to large enterprises and most complex projects.

Co-chairman Bruno LaFont said the new company was built on the rich history and culture of Lafarge and Holcim and its teams.

"The merger has not only resulted in a larger and more global company, but brings about a unique set of complementary capabilities to capitalise on," Mr LaFont said.

"Under the leadership of Eric Olsen, the new group will foster a new operating model and create more value for all our stakeholders."

Topical construction conference on in Auckland and Christchurch

CCH Learning is hosting a one-day Building and Construction conference running in Auckland and Christchurch on September 24 and October 22 respectively.

This highly topical conference has an interesting mix of presentations by leading industry specialists. It is offering attendees from across the industry a varied programme of informative discussion around current issues and opportunities in the New Zealand construction industry.

It is targeted at lawyers, construction managers, project managers, commercial property developers, civil engineers, quantity

surveyors, mediators and others with an interest in the issues faced by the industry today.

Topics include:

- Recent changes to residential builders' responsibilities.
- Transmission Gully, New Zealand's first roading PPP project.
- It's not all about payment — broadening the scope of the Construction Contracts Act.
- Building resilience in construction organisations.
- Resolving construction disputes.

- The future of New Zealand construction.
 - Personal Property Securities Register: the impact and implications for the construction industry.
 - Product assurance — How should the industry go about regulating?
 - Auckland conference: Managing growth and land use in Auckland.
 - Christchurch conference: Christchurch — rebuilt or reborn?
- To book, phone 0800 932 462, email learning@cch.co.nz, or post your booking form to the address on the brochure.

CCH Learning

ACCESS DEVELOP ACHIEVE

Building & Construction Conference 2015

Wolters Kluwer
CCH

This highly topical conference is suited to Lawyers, Building and Construction Managers, Project Managers, Commercial Property Developers, Civil Engineers, Quantity Surveyors, Mediators and others with an interest in the issues faced by the industry today.

Recent Changes to Residential Builders' Responsibilities

Geoff Hardy, Principal, Madison Hardy

Transmission Gully – NZ's first roading PPP project

Craig Nicholson, Principal Project Manager, Transmission Gully PPP Project, Highways & Network Operations Group, NZTA

Auckland session:

Managing Growth and Land Use in Auckland

Sue Simons, Partner, Berry Simons

Christchurch session:

Christchurch - Rebuilt or reborn?

James Lunday, Principal, Common Ground

It's not all about payment – broadening the scope of the Construction Contracts Act

Karen Overend, Partner, and Duncan McGill, Partner, Duncan Cotterill

Building resilience in construction organisations

Prof Suzanne Wilkinson, Director, Centre for Disaster Resilience, Recovery & Reconstruction, Faculty of Engineering, University of Auckland

Resolving Construction Disputes

Nick Gillies, Partner, Hesketh Henry

The Future of New Zealand Construction

Chris Kane, Acting Manager, Building System Controls, Ministry Business, Innovation and Employment

PPSA and the construction industry - protecting materials, equipment and other rights in a collapse

Karen Overend, Partner, Duncan Cotterill

Product Assurance – How should we deal with building products?

John Gardiner, Manager Determinations and Assurance, MBIE

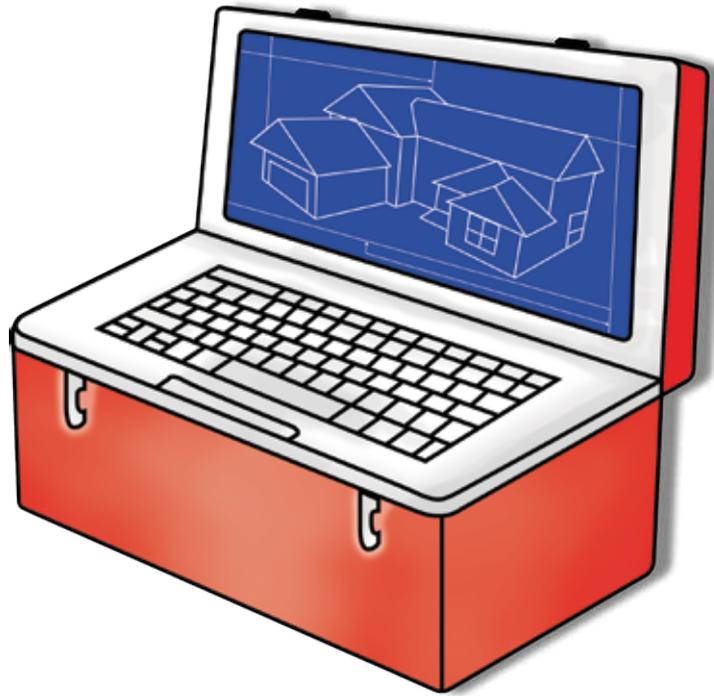
Auckland 24th September
Pullman Hotel

Christchurch 22nd October
Rydges Hotel

Full programme details available online:
www.cchlearning.co.nz

Email: learning@cch.co.nz Tel: 0800 932 462

BUILD A BETTER BUSINESS



Want to grow your construction business? Why not upskill your staff?

With the right qualification from Open Polytechnic, your staff can be ready to accept new opportunities and help your business be more competitive in the process.

As a leader in distance and online learning, Open Polytechnic can help your team gain the latest skills and knowledge to add value to your business, while still keeping up with the demands of their day to day responsibilities.



To find out more about our construction qualifications, visit openpolytechnic.ac.nz/construction or call us on freephone 0508 865 327.



**Enrolments for Trimester 3
close 1 November.**

Open Polytechnic
KURATINI TUWHERA

RANZ Standard Contract available

A new Standard Contract has been made available for members of the Roofing Association of New Zealand to use following the introduction of new consumer protection measures in a new part of the Building Act 2004 which came into force on January 1, 2015.

The RANZ Standard Form Contract was drawn up in association with Hazelton Law, and includes key information now required by legislation in the contract.

When dealing direct with the home owner for contracts of \$30,000 including GST or more, the roofing company must provide a standard contract which must include the contract price and a description of the roofing work to be undertaken, including the materials and products to be used.

If contracting direct to the home owner, members of the Association must also provide a disclosure statement to include:

- information about the company,
- the key contact person and the relevant

qualifications of those involved in the roofing work, and

- details of insurance policies, warranties or guarantees offered.

Online template

To assist, there's a template online at www.doyourhomework.co.nz, which can be used to supply the information required on the disclosure statement.

A separate contract is not required if the roofing company has been hired by the main contractor.

The Ministry of Business Innovation and Employment (MBIE) is encouraging home owners to ask for a written contract even if building work for the home owner will cost less than \$30,000 including GST.

This means the new RANZ document will be a useful inclusion for members' portfolios of RANZ documents to hold on file.

**BT web site
back soon
better than ever!**

Bear with us while our web site undergoes a grand makeover to make your visit more satisfactory in every way — from catching up with the latest, most relevant news for the New Zealand construction industry to the latest products in the market, and the chance to win some great competition prizes!



KEEPING HEIGHT SAFETY SIMPLE

ALL SYSTEMS ARE:

- Fully compliant to AS/NZS 4994.1:2009 standard
- Compatible with timber or tube rails
- Spaced at 5.4 centres with our alloy tube
- Installed with no scaffolding qualification required
- Fast to install and faster to dismantle
- Stackable for ease of use



0800EDGPRO

e. info@edge-protection.co.nz
www.edge-protection.co.nz



EDGE PROTECTION
NEW ZEALAND LIMITED



we'll help you
BUILD YOUR BUSINESS

**We look after your connections,
so you can focus on your business.**

We know running a business isn't easy, especially when you've got a lot on your hands. Luckily our Trade Connections service offers more than just electricity, natural gas and LPG. Our specialised service is all about making new connections easier so you have more time to run your business.

**Call 0800 155 010 or visit
[genesisenergy.co.nz/tradeconnections](https://www.genesisenergy.co.nz/tradeconnections)**



we're in it for you

800 secondary school students given a close-up look at NZ's construction industry

More than 800 secondary school students from around the country were given a close-up look at New Zealand's construction industry as they joined the Building and Construction Industry Training Organisation's (BCITO's) Big Construction Tour recently.

The BCITO took career seekers on a whirlwind tour of the construction industry, which continues to be short of young people to work in a wide range of areas.

Rapid growth

BCITO chief executive Ruma Karaitiana says the construction industry is still going through a period of rapid growth.

"Our country needs more young people to learn the practical skills that are in such high demand.

"These tours across the country showed career seekers some of the opportunities available in the industry.

"School leavers who decide they want to start an apprenticeship can be confident they won't struggle to get work, there are so many great opportunities," Mr Karaitiana says

The tour took place in Central, West and South Auckland, Christchurch, Gisborne, Hamilton, Hawkes Bay, Palmerston North, Nelson, New Plymouth, Tauranga, Wellington, Whangarei, Dunedin, Central Otago and Invercargill.

Big construction sites

With 16 separate tours around the country and more than 800 hi-vis vests involved, the student career seekers visited some of the country's biggest construction sites and

developments.

"The event was a structured one-day tour of building-related sites. We aimed to capture the breadth and diversity of the industry," Mr Karaitiana said.

"We showcased the different opportunities and trades that are available in the construction industry."

"The day also provided an opportunity for employers to meet some real career seekers they may wish to interview and take on."

The tour was part of the recent Got a Trade? Got it Made! Week, which celebrated the talent, skills and value of apprentices and trainees across New Zealand.

Its aim was to increase the understanding, status and demand for practical and vocational learning.



FAIL! FAIL!



Nobody wants a weather-proofing failure, so why take the risk with flashing tape?

Install Baritec instead - a rigid, durable flashing solution that can be installed in any weather or temperature conditions without additional tools or labour.

Reduce Risk - Save Time - Save Labour

Available at your local
Bunnings, Carters,
ITM, Mitre 10 and
Placemakers stores.


BARITEC™
SUBSILL FLASHING SYSTEM

The advanced weatherproofing solution

www.baritec.co.nz


BRANZ Appraised
Appraisal No. 857 [2014]



At Mitre 10 we'll do everything we can to get you sorted, saving you time and money so you can get on with the job.



MITRE 10
TRADE

So drop into Mitre 10 for your next job and you'll be on your way and back on the clock mitre10.co.nz/trade

InteX

starmix
dust extractors



Starmix® - The complete dust extractor solution brought to you by Intex Group NZ

starmix ASK FOR IT BY NAME



BUILDING EXCELLENCE

FREE CALL 0800 278 276 intex.co.nz | intex.com.au
PREMIUM WALL & CEILING ACCESSORIES, TOOLS & EQUIPMENT

ASB North Wharf a glowing example as Auckland companies clean up at Electricians Awards

Winner was 'exceptional' chief executive says

Outstanding electrical work at ASB's North Wharf development in Auckland's Wynyard Quarter has been recognised at the Master Electricians Excellence Awards as Auckland companies swept the boards at the industry's gala event recently.

Four Auckland companies shared the honours in all six categories of the competition, organised by the Electrical Contractors Association of New Zealand (ECANZ) to recognise the highest achievements in electrical contracting.

Mt Wellington company Bishman Ltd won the overall etco Master Electricians Excellence Award 2015 for its innovative work on ASB North Wharf. Bishman also carried off the Philips Lighting Award and the Powerbase Major Contract Award for the same project.

Henderson-based Akon Electrical won the Ideal Electrical Suppliers Medium Contract Award for a Mini Garage showroom for BMW Auckland City.

Commercial automation system

Alpha Electrical, of Muriwai, won the J A Russell Ltd Award for a small business demonstrating excellence in business and/or a project, for the smart wiring of a domestic property using a commercial automation system — a first in New Zealand.

Dalton Electrical of Otahuhu won the Industrial Automation Award for its fully automated electrical fit-out of Yashili's new infant milk powder plant at Pokeno, a contract which required innovative approaches to meet the exceptional hygiene requirements.

Judges said the Bishman team had put all its experience and skill to work and created ingenious solutions for the leading edge ASB North Wharf at Wynyard Quarter. The contract was so extensive that two of the team spent two months alone working on the enormous main switchboard.

Incredible attention to the minutiae

They noted: "Faith from the architect in Bishman and their sparkies to do the work says it all, with incredible attention to the minutiae and outstanding management and leadership shown in completing a job of this magnitude."

The winners were selected from 12 finalists countrywide for 16 projects.

ECANZ chief executive Neville Simpson says finalists were selected for the quality of their workmanship and innovative solutions developed for challenging projects.

"The final projects were all excellent, but the winner was exceptional. They have set a very high standard for the industry," Mr Simpson says.

Finalists were selected from a wide range of entries from ECANZ members, with all projects viewed onsite by three experienced judges from the industry.

Winners were announced at the Master Electricians Awards Dinner at The Langham in Auckland.

The easy way to keep your frames dry

HIANDRI™



- Pass your pre-line inspection moisture test
- Reduce delays due to wet frames
- Add value to your finished build
- Give yourself peace of mind

Insist HIANDRI bottom plate packers are pre-fitted to your frames



Request a free sample & information pack see:

www.hiandri.com

Raising the building industry to a new level!



EDL FASTENERS NEW ZEALAND

STOCK BOX MOBILE ON-SITE INVENTORY MANAGEMENT SYSTEM

- **STOCK ON SITE** AS YOU NEED IT!!
- **MOVE FROM SITE TO SITE** AND EASILY SECURED
- **JOB SPECIFIC STOCK** WITHOUT HAVING UNNECESSARY PRODUCTS IN STOCK. HAVE WHAT YOU NEED ON SITE WHEN YOU NEED IT!!
- **STOCK CHECK** DONE WEEKLY BY YOUR EDL ACCOUNT MANAGER
- **FULL STOCK TAKE** DONE AT END OF JOB
- **FULL PURCHASE HISTORY** AVAILABLE ON USED PRODUCT
- **NO REQUIREMENT** FOR STAFF MEMBERS HAVING TO GO OFF SITE FOR PRODUCT
- **LET EDL** BECOME YOUR FASTENINGS STOCK MANAGER
- **EASE OF TRACKING** JOB SPEND



www.edlfast.co.nz | 0800 EDL BUILD

Seminars focus on risks of using non-compliant steel

A CRS is your toolkit for steel compliance is the theme for a national series of seminars being held by the Australasian Certification Authority for Reinforcing and Structural Steels (ACRS) in six cities across Australia and New Zealand in October 2015.

International and national speakers on compliance risks will cover:

- how to ensure product conformance to Standards, and
- examples from Australia, New Zealand and major European countries.

Attendees will receive a free ACRS toolkit to assist in ensuring that construction steel products are independently third-party certified.

Australia and New Zealand are part of a global supply chain, with construction products now being sourced from overseas and local manufacturers and suppliers.

Alarmingly, there is increasing evidence that many suppliers of products, regardless of where they are made, are not providing evidence that they meet Australian and New Zealand Standards and building requirements. Product non-compliance is now a major issue in the construction sector in both countries.

In Australia, the issue of non-compliant building products is a topic of much discussion at present, with COAG ministers meeting and a senate enquiry both in train.

In New Zealand the issue is gaining attention as suppliers look to take advantage of the Canterbury rebuild and construction growth in Auckland.

Product substitution and a lack of awareness in relation to standards requirements in the design and construction sector is increasingly becoming a public concern and impacting negatively on the sector's integrity.

ACRS Certificates of Compliance are the low-cost, low-red tape solution, based on the European model and available here, together with checklists for specifiers and builders to make compliance easier.

Formed in 2000 by peak construction industry bodies to deliver much needed surety in respect of steel product compliance, the ACRS assesses and certifies manufacturing and processing at more than 150 locations in 15 countries worldwide for construction steel products supplied to Australian and New Zealand standards.

ACRS is accredited to ISO17065 by the Joint Accreditation System of Australia and New Zealand (JAS-ANZ).

ACRS certification delivers unmatched confidence to specifiers, designers and customers that steel from suppliers holding the ACRS Mark complies consistently with Australian and New Zealand Standards.

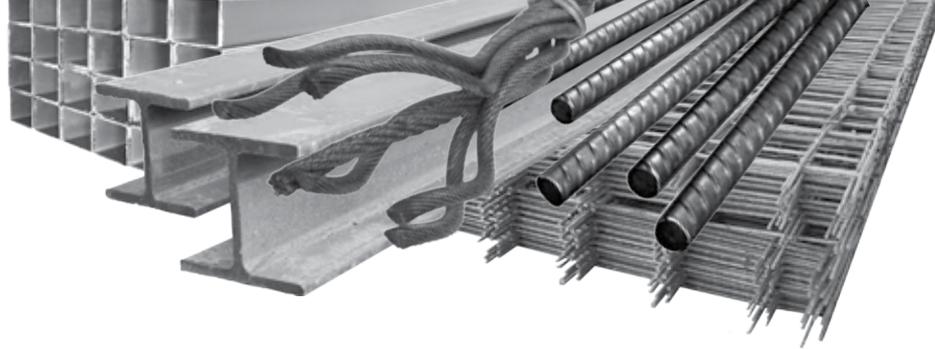
ACRS Certificates of Compliance cover reinforcing, prestressing and structural steel products supplied to Australian and New Zealand standards.

If you are a designer, product procurer or construction company owner or supervisor, you have a responsibility to build to the code and standards established to ensure that building occupiers are safe.

New Zealand seminar dates are:

- Christchurch, Monday, October 19, 5.30pm-8.30pm
- Auckland, Tuesday, October 20, 5.30pm-8.30pm

To register for the free ACRS Seminar Series visit www.steelcertification.co.nz.



-
- Avoid the risks of using Non-Compliant Steels
 - How to assure product conformance to standards
 - National & International Speakers on Compliance Risks
-

ACRS

Steel Compliance Seminars

Australia & New Zealand – October 2015

PERTH – Monday October 12th, 5.30pm-8.30pm

SYDNEY – Tuesday October 13th, 5.30pm-8.30pm

MELBOURNE – Thursday October 15th, 5.30pm-8.30pm

CHRISTCHURCH – Monday October 19th, 5.30pm-8.30pm

AUCKLAND – Tuesday October 20th, 5.30pm-8.30pm

BRISBANE – Thursday October 22nd, 5.30pm-8.30pm

SEMINARS ARE FREE TO ATTEND AND CPD POINTS MAY BE APPLICABLE.

- Australia and New Zealand are part of a global supply chain and building & construction products are now being sourced from both overseas and local manufacturers and suppliers. Alarming, there is increasing evidence that many suppliers of products, regardless of where they are made, are not providing evidence that they meet Australian and New Zealand Standards and building requirements, and hence they may not comply.
- Formed in 2000 by peak construction industry bodies, the Australasian Certification Authority for Reinforcing and Structural Steels, "ACRS", independently assesses and third party certifies steel manufacturing & processing at over 150 locations in over 15 countries worldwide for construction steel products supplied to Australian and New Zealand standards.

ACRS is your toolkit for steel compliance.

To register for the free ACRS Seminar Series visit:

www.steelcertification.com or www.steelcertification.co.nz



Independent Third Party
Australasian Standards
Certification & Verification of
Reinforcing, Prestressing &
Structural Steels
Compliance

Call ACRS on (02) 9965 7216, email info@steelcertification.com or visit www.steelcertification.com

ACRS – The Australasian Certification Authority for Reinforcing and Structural Steels Ltd ABN 40 096 692 545

Celebrating NZ's top performing BCITO apprentices

Winter may bring chilly and wet weather, but a big highlight for the BCITO is that it's also a season of celebration for many of its trade sectors and apprentices.

BCITO staff have recently rubbed shoulders with the best of the best in many industry sectors. Congratulations go to these high achievers.

NZ Painting & Decorating Apprentice of the Year Awards, held in conjunction with the Master Painters New Zealand conference in Wellington in June.

Regional award winners were:

Northern: Mailefihi Pasakala, J R Webb,

Auckland

Central: Hona Spratt, Braddock Decorators, Wellington

Southern: Imche Cole, Brown & Syme Holdings, Christchurch

The top performer and overall winner of the NZ Painting & Decorating Apprentice of the Year was Hona Spratt. "My painting apprenticeship has changed my life so much for the better," Hona says. "I'm passionate about what I do, and see a great future in this business for me."

Hona has worked his way up through the ranks at Braddock Decorators. He began his career during the school holidays working for pocket money. Now he's a project manager with the company, is in charge of eight painters, and is responsible for delivering jobs on time and to a high standard.

BCITO Flooring Apprentice of the Year Awards, held in Christchurch on July 16.

Coromandel flooring apprentice Stafford Moody of Fagans' NZ Ltd from Whitianga won the Supreme Flooring Apprentice of the Year Award, as well as being named BCITO Stage Three Flooring Apprentice of the Year.

The award was based on his performance at the Allied Trades Institute while undertaking off-job training. Principal tutor Jeff Henry says Stafford worked tirelessly to hone his finishing skills, and always showed good logic with his decisions.

Stafford was stoked when he was named the Stage Three Flooring Apprentice of the Year. "It was a bit unexpected. There were two other classes and so you never know who is there and how good they are, but I'm very happy," he says. Other award winners presented at the event were:

BCITO Stage One Flooring Apprentice of the Year: Nathan Weston, Hays Carpet Laying,



At the Flooring Apprentice of the Year Awards were, from left: Paul Williams, Ben Meister, BCITO chief executive Ruma Karaitiana, Stafford Moody, Nathan Weston and Richard Blomfield.



At the Painting & Decorating Apprentice of the Year Awards were, from left: Hona Spratt receiving the Martin Beveridge Memorial Trophy for the NZ Painting & Decorating Apprentice of the Year, Resene national sales manager John Gerondis, and Moana Beveridge.

Hawkes Bay

BCITO Stage Two Flooring Apprentice of the Year: Richard Blomfield, Van Dyk Installations, Putaruru

BCITO Flooring Planning and Design Trainee of the Year: Paul Williams, The Flooring Centre, Riccarton, Christchurch

Villars Trophy, a special recognition award for outstanding commitment and dedication: Benjamin Meiste, James Henry Joinery & Flooring, Upper Hutt

Master Joiners Apprentice Awards, held in Wellington on June 27.

David Irvine of Barrett Joinery Ltd, Timaru, is this year's recipient of the BCITO's Ernie Jelinek Cup for the Most Promising Joinery Apprentice.

The BCITO was also proud to sponsor the following awards at the event:

People's Choice 0-4000 hours: Ashley Hollamby, Lee Brothers Joinery, Rotorua

People's Choice 4001-8000 hours: Michael Good, Peter Howley Joinery, Invercargill

The BCITO values the opportunity to share in celebrating all high-achieving apprentices who aspire to be industries' leaders of the future.

This event was a spectacular showcase of the importance the Association places on celebrating excellence.

Glass & Glazing Association and Window Association of NZ Awards, held in Auckland in June.

Anthony Bergman of Metro Performance Glass, Christchurch, is this year's recipient of the Most Promising Glass & Glazing Apprentice award. Also presented at this event was the award for the Most Promising Architectural Aluminium Joinery Apprentice. Ashley Hooker of Frankton Aluminium Ltd was the proud recipient.

National Kitchen & Bathroom Association Conference, held in Napier in August.

Gillian Flynn of Kitchen Inspirations, Pukekohe, was presented with the Judy Bark Cup and awarded the title of New Zealand's Most Promising Design Student 2015.

These events are a wonderful opportunity to catch up with employers and stakeholders around the country. The BCITO will be celebrating more high achievers skills and talents at the RMB Carters 2015 Apprentice of the Year competition in early October.

The Most Compact & Lightweight in its Class^{*1}

Designed with the centre of gravity close to the handle, the Hitachi 18V C18DBAL Cordless Circular Saw offers superior manoeuvrability and greatly reduces user fatigue!

Longer Runtime per Charge^{*2} Up to 1.6x



18V Brushless Circular Saw Bare Tools

- Hitachi's unique Silent mode allows for quieter operation and longer run times
- Overload protection, soft start and electric brake
- Compatible with ALL Hitachi 18V slide batteries
- Supplied without batteries, charger and carry case
- Deep Cut Technology - cuts up to 66mm (165mm model)

Part Number	Blade Size	Mfr No	Price incl GST	Price excl GST
08464171	125mm	C18DBLNN ^{*3}	\$343.85	\$299.00
03099193	165mm	C18DBALNN ^{*3} (as pictured)	\$458.85	\$399.00

HITACHI 

^{*1} As of March 2015. Among 165mm cordless circular saws made by leading power tool manufacturers (surveyed by Hitachi Koki).

^{*2} In comparison with the previous model C18DSL with BSL 1850 (5.0Ah). May vary according to the material to be cut and operating conditions.

^{*3} NN at the end of a Mfr No indicates that this is a bare tool and therefore comes with no batteries, charger or carry case.

Prices are valid 1st September to 31st December 2015 or while stocks last.

NZ tools market in good shape

As might be expected, the power tools market appears to be in good shape as the buoyant construction sector rides a strengthening wave in New Zealand.

Building Today editor Andrew Darlington asked Makita NZ sales manager Jamie Teague and Paslode ANZ senior product manager Daniel Birch about their company's prospects, and the types of tools that have been selling well for them.

What types of tools in particular are currently selling well for you in what is now a buoyant New Zealand construction sector? Why do you think this is?

Jamie Teague: Cordless power tools have been positive this year. I think this is due to advancement in technology around power, run time and the sheer range of products available on Makita's 18v lithium-ion platform.

Daniel Birch: The Paslode Impulse range of framing and trim tools continues to be our number one sellers. The demand for these products is primarily driven by their cordless convenience and trusted reliability.

What is the forecast for your company's tool sales over the next 12 months? What reasons would you give for this outlook?

JT: Our forecast is positive over the next 12 months, with the increase in building activity and new products coming to market.

DB: With a robust housing market, especially across the wider Auckland region, the demand for ongoing renovation and new building projects has seen steady growth in the building industry over the past year. We expect our tools sales to follow strong growth predictions over the coming 12 months.

What types of new technology have been introduced in the power tools market that might have boosted tool sales over the past 12 months? — eg, batteries, accessories, cordless etc

JT: Brushless technology is proving popular, along with Makita's 2 x 18v range of lithium-ion products. This is now offering AC power from



The Makita 18v 13mm cordless brushless driver drill has been one of Makita's most popular tools.

Makita's existing 18v platform — effectively cutting the cord on power tools.

DB: The cordless Impulse technology continues to be the platform of choice, delivering powerful solutions across a variety of applications.

We've also seen a huge increase in demand for the FrameMaster Product Nail Guide accessory as word quickly spreads about this easy-to-use attachment that provides a quick and cordless alternative to the traditional pneumatic method of fastening nail plates and bracing systems.

Do you think parallel-imported tools into New Zealand are having a significant effect on your sales figures? Do you think parallel-imported tools provide genuine competition to the trade sector or are they mainly targeted at the DIY market?

JT: Parallel imports are always going to be in the market, but these don't seem to be having as big an impact as they used to. Consumers are starting to understand that tools purchased from sellers who obtain power tools from outside of New Zealand may not be built to the same standards, and that they may also have difficulty with back-up service and obtaining genuine parts.

DB: Imported tools are a genuine concern for the end user who is often being sold a Paslode product not designed for the New Zealand market, and that has to be modified locally to fire our 90mm length nails.

This not only creates a serious health and safety issue from a regulation and liability perspective, but leaves the end user with an unwarranted and unsupported product on a local level.

Look for the yellow strip to ensure you're getting high-quality Quik Drive® fasteners.

So fast you'll be tempted to wear running shoes.



Quik Drive®
Decking Nose Clip

Fasten decking boards in record time with our Quik Drive® auto-feed screw driving system. The tools quick-loading collated-screw strips and pre-set countersink allows uniform fastening while you stand. Add our decking clip for accurate fastener placement for a perfect finish every time. Simpson Strong-Tie offers the widest range of collated screws that can tackle the most challenging deck board applications with ease, including composites and hardwoods.

Sprint across the line with Simpson Strong-Tie® Quik Drive tools and fasteners. For more information or to request an on-site demo, visit www.strongtie.co.nz or call 09 477 4440.

SIMPSON
Strong-Tie

®



DHPD Series – Hardwood Decking to Softwood Joist Screw
Compact head, type 305 stainless steel or Class 3 mechanically galvanized coating – complies with AS 3566, paddle-style drill point, #2 square recess



DHS Series – Hardwood Decking to Hardwood Joists Screw
305 stainless steel, #2 square drive

Impact driver accessories launched

Irwin Tools is introducing the second phase of its Impact Performance Series portfolio of impact driver accessories, completing a wide range of innovative drilling, driving and extracting accessories.

The new series features four key ranges: the Double-Ended Power Bits, a Tapcon Installation System, Bolt-grip and Screw-grip extractors, as well as a wide variety of accessories, enabling tradesmen to do more with their impact drivers than ever before.

With the most common usage of impact drivers being fastening, Irwin's Double-Ended Power Bits offer an improved driving functionality and the convenience of having two tips in one bit, eliminating the time spent searching for a replacement bit between applications.

Exclusive technology

These bits feature Irwin's exclusive DoubleLok Technology which securely locks both ends of the bit into impact drivers and quick-change chucks.

The Tapcon Installation System is compatible with standard drill/drivers, but especially designed for use with impact drivers. The system combines a bit and drill/drive sleeve to make Tapcon installation faster and easier.

The one-piece construction bit features a built-in hex collar stop for

drilling the perfect hole depth for Tapcon and other masonry screws, allowing users to drill precise pilot holes every time.

The Bolt-grip Impact Performance Series extractors feature patented reverse spiral flutes, engineered to provide maximum gripping power to remove broken, damaged or rusted nuts, bolts and screws.

Manufactured with high carbon steel for improved durability, the extractors have a universal lobular design that fits all types of fasteners.

The new Screw-grip Impact Performance Series extractors with DoubleLok Technology, which enables both ends of the bit to lock into impact drivers and quick-change chucks, are designed to easily remove damaged screws and small bolts with a single bit in three steps: drill, flip bit and extract.

Additional fastener driving impact accessories available in the Impact Performance Series are bit holders, magnetic nutsetters and deep well sockets.

NZ tools market in good shape

From page 26

Many of these tools come with non-compliant charging systems designed for other markets which also pose a safety risk when used locally, and we have seen examples of importers fined heavily for this practice by various governing bodies.

The small amount of savings at the point of purchase can quickly turn into a costly exercise if things go wrong, so we advise end users to err on the side of caution.

Imported tools are targeted at the trade customer and, although relatively small in number, do have an effect on local distributors' ability to sell tools in this market.

But as the old saying goes, "you get what you pay for", and most consumers rely on our products way too much to take chances with imported products.

Is the strengthening US dollar having any effect on your bottom line and, if so, how?

JT: Yes, as the New Zealand dollar devalues it puts cost pressure on local distributors.

DB: The strong kiwi dollar over the past few years has enabled Paslode to not pass on any increase in manufacturing and supplying costs over this period.

This has allowed us to protect our channel partners and absorb any cost increases internally, which has been great for the end user.

But there will eventually come a time, if things deteriorate as predicted over the coming year, that we may see a need to review this strategy.

Do you have any further relevant comments that you would like to add?

DB: Keep an eye out for our innovative POS "Pallet House" display systems being rolled out nationwide.

3 YEAR WARRANTY

DUSS



THE BEST GERMANY HAS TO OFFER

DUSS CORE DRILLS.
DIA 400W 3200W/MAX DRILLING 400MM DIA/3 SPEED.
DIA 303W 2000W/MAX DRILLING 300MM DIA/3 SPEED.

DUSS SDS MAX DRILLS.
PX48A 920W/MAX DRILLING 55MM / ADJUSTABLE I/M 0-3700.
PX78 1500W/MAX DRILLING 80MM / ADJUSTABLE I/M 1800-3370.

DUSS SDS PLUS DRILLS.
P16SDS 600W/MAX DRILLING 24MM/ ADJUSTABLE I/M 0-4400.
P26C 710W/MAX DRILLING 30MM/ ADJUSTABLE I/M 0-3700.

DUSS DEMOLITION BREAKERS.
PK 300A 1700W/ADJUSTABLE I/M 1000-1900-17-27 J S/I ENERGY.
PK 600 2000W/ADJUSTABLE I/M 850-1500-18-41 J S/I ENERGY.

STOCKISTS OF A LARGE RANGE OF:

- SDS MAX & PLUS BITS
- DIAMOND BLADES
- CORE BITS (WET & DRY)
- BLOCK & BRICK SAWS
- DEMOLITION BREAKER TOOLS



CALL US

09 277 8830

25 Norman Spencer Drive,
Manukau City, Auckland.

Makita

METALS & CONCRETE

Roadshow

ONE DAY ONLY EVENTS

SUPER-HOT PRICE 'STEALS', BONUS FREEBIES AND DEMOS OF OUR IMPRESSIVE RANGE OF TOOLS.
COME PUT 'EM TO THE TEST.
BUT ONLY ON THE ROADSHOW VENUES AND DATES LISTED BELOW. DON'T MISS OUT!



ROADSHOW DATE AND VENUES. KICK OFF FROM 8.00 AM

TUESDAY 15TH SEPTEMBER

DONOVAN'S SUPPLIES, 97 PORT RD, WHANGAREI

WEDNESDAY 16TH SEPTEMBER

ITM BUILDING CENTRE, 58-60 MATAKANA VALLEY RD, MATAKANA

FRIDAY 18TH SEPTEMBER

POWERTOOL SHOP, 57 CAVENDISH DRIVE, MANUKAU

MONDAY 21ST SEPTEMBER

HANDTOOL HOUSE, 25 SOMERSET ST, HAMILTON

TUESDAY 22ND SEPTEMBER

MACHINERY & PTC MT MAUNGANUI, 130 NEWTON ST, MT MAUNGANUI

THURSDAY 24TH SEPTEMBER

ENGO INDUSTRIAL SUPPLIES, 45 SPRINGS RD, EAST TAMAKI, AUCKLAND

FRIDAY 25TH SEPTEMBER

POWERTOOL SHOP, 121 WAIRAU RD, NORTH SHORE, AUCKLAND

MONDAY 28TH SEPTEMBER

POWERTOOL CENTRE NELSON, 146 TAHUNANUI DR, TAHUNANUI

THURSDAY 1ST OCTOBER

GEORGE HENRY & CO, 47 MANCHESTER STREET, CHRISTCHURCH

FRIDAY 2ND OCTOBER

TIMARU TOOLSHED, 34 NORTH ST, TIMARU

MONDAY 12TH OCTOBER

LOWER HUTT POWERTOOL CENTRE, 453 HUTT RD, LOWER HUTT

WEDNESDAY 14TH OCTOBER

SMITH-PILLING REWINDS, 10 TAONU I ST, PALMERSTON NORTH

FRIDAY 16TH OCTOBER

THOMSONS POWERTOOLS, 28 DUNLOP RD, ONEKAWA

FURTHER DETAILS AT
WWW.MAKITA.CO.NZ

Makita

To hire or buy?

By Karl Emslie, Edge Protection NZ Ltd

How many of you are currently hiring Edge Protection from a scaffolding company?

More to the point, how many of you are frustrated at the cost, time delays and damage caused by outside contractors who seemingly have little respect for time constraints, site efficiency and brand new roof coverings!

This ultimately poses the question — do I continue to hire or do I buy my own system?

When you crunch the numbers it's a no brainer really. The lineal metre rate varies up and down the country but, on average, is around \$22/m for edge protection only (a flat rate without weekly hire factored in).

Apply this to the size and frequency of the jobs you undertake each year that don't require actual scaffolding and you would be surprised at the amount spent on hireage.

Of course, the cost is passed on to the consumer, but if you invested that money into a system that you and your team were able to erect yourselves on any given job, new or existing, without the need for formal qualifications and, best of all, on your own time, how could it not work in your favour, both financially and in site efficiency!

If you are in the market to purchase your own equipment there are many things to take into account.

My background is in building, particularly renovations, but I have also dabbled in commercial and new housing as well, so I have a good understanding of how things work in



our given profession.

As a builder I know that I want my tools to do three things — they need to be easy to use, multi-purpose and they need to pay for themselves quickly.

Simplicity, versatility and cost. These are all key considerations when making any plant purchase decision. Of course, quality is paramount, and you can be assured of all of this with the entire range of systems from Edge Protection New Zealand Ltd.

All of our bracket systems are NZ-designed and NZ-made, so you can rely on the fact that each one has been developed with you, the tradesman, in mind, and that it is absolutely the most cost-effective, versatile and easy-to-use edge protection on the market.

For more information:
0800EDGPRO (0800 334 776)
info@edge-protection.co.nz
www.edge-protection.co.nz

An inventory solution on your construction site!

As the saying goes — "Time is Money". It seems like a daily occurrence that EDL Fasteners gets a frantic phone call from a construction site asking for an urgent order to be processed at 07:30.

Only to have the apprentice rock up to one of our shops in his wagon to collect the goods between 8am and 9am — after stopping for a round of coffees, a box of pies and another stop to gas up his vehicle. Who knows what time he returns to the site?

The end result is that even on an apprentice wage, that box of screws or nails becomes a very expensive box of fasteners!

Imagine how much work that same worker could have got completed on site had he not left in the first place?

To fix this problem, EDL Fasteners New Zealand offers The Stock Box, a container installed on your construction site with racks full of the products you need for your specific construction job.

You are saving time, you have the certainty of pricing, staff are not leaving the construction site, and you only use the correct product and avoid double-ups and wastage.

And an EDL account manager will keep an eye on the stock level and take care of

replenishment.

There are currently more than 60 of these boxes on sites all over the country, from city locations to remote building sites.

Three container sizes are available — 8, 10 and 20 foot containers to suit the stock level required.

Any leftover stock can be transferred to your next construction site. And EDL provides the box, the racks and the shelving — all free of charge!

For more information:
www.edlfast.co.nz
0800 EDL Build

System can be installed in any weather

Do you struggle with flexible flashing tape? Hate having to re-do it time and again when it comes unstuck? Do you think there must be a better way?

Baritec is a rigid subsill flashing system, replacing the need for flashing tape and providing a solid, durable finish.

The system is made up of three ASA plastic components — a moulded corner piece, an extruded length and a moulded joining piece for long window or door openings.

All of the components interlock and are adhered with silicone to create a flat, watertight perimeter ready for window installation.

Unlike its competitors, the Baritec system doesn't rely on adhesion to the substrate. This means it can be installed in any weather or temperature conditions, without extra equipment or labour required.

Is it difficult to install?

Not at all — the work should be overseen by a Licensed Building Practitioner, but can be undertaken by anyone with general building experience, including apprentices.

Builders nationwide are already using Baritec with excellent results in time savings.

Many have reported Baritec installation to be significantly faster than traditional flashing tape, and many have been particularly enthusiastic about the time and labour saving benefits over the winter.

We've also had consistent feedback about the peace of mind that Baritec provides.

Leaky homes are a constant niggle, but with a solid, watertight perimeter like Baritec everyone from the specifier to the home owner and the builder can be assured that it can't tear or come unstuck, no matter the weather or how many times the windows are pulled in and out.

For more information:

www.baritec.co.nz for some local builders' assessments of the Baritec system and how it's improving their build time and costs.



Dust extractors that keep going when others have run out of breath

The new Starmix iPulse Asbestos dust extractor featuring the Intelligent Pulse Filter Cleaning "iPulse" sets a new standard in hazardous dust control.

Starmix hazardous and asbestos series machines are compliant with the latest European standards. The optimal, certified filter with up to 99.997% dust retention capacity is BGIA-certified for "M" and "H" dust classes.

Combining this feature with the constant smart electronic monitoring of filter status and patented permanent filter cleaning function, this machine is an intelligent essential for any hazardous dust application.

Rugged construction ensures this machine will survive the toughest worksite, as shown on the "Can It Break" episodes on the Intex web site.

For more information:

sales@intex.co.nz for a catalogue
0800 278 276
<http://intex.co.nz/starmix>



The real dollar cost of the falls from height campaign

Building Today columnist and industry stalwart Mike Fox gets down to the nitty gritty as he quantifies the costs associated with the falls from height campaign.

Dr Bryce Wilkinson, economist, senior research fellow of the New Zealand Initiative and author of the report *A Matter of Balance: Regulating Safety*, featured in the Industry Opinion section of *Building Today* August.

His report was critical of the Ministry of Business, Innovation and Employment's (Worksafe NZ) campaign to reduce injuries from falls from heights of less than three metres in residential construction.

The thrust of the criticism was that the cumulative costs being imposed on the industry, and thereby home owners, could be well over \$1 billion. Yet apparently no attempt had been made at the time to estimate them, let alone establish greater offsetting safety or other benefits.

He commented that it is irresponsible of government to impose such large costs on industry, and thereby householders, without making such an evaluation in advance.

Dr Wilkinson is not the only economist to have raised concerns about the costs versus benefits of this campaign, and the NZ Institute of Economic Research is currently completing a comprehensive study which should be completed before the end of the year.

This report is also going to include a comparison with what the Australians are doing and, very importantly, what New Zealand's campaign is doing to accident rates of home owners, who now, more than ever, are forced into completing their own repairs at heights to escape spiralling scaffolding costs.

Dr Wilkinson gets right to the crux of the issue when he identifies that the area that is getting targeted the hardest — namely house construction work-related falls — is the area that needs the least attention.

This is backed up by data from both ACC and Statistics New Zealand (see Table 1 at right from Dr Wilkinson's report), and outlines this point clearly.

It is glaringly obvious from these figures that the hundreds of millions that are being spent on the falls from height measures by the industry and the consumer when building, would be better spent in areas where real gains could be made.

There were 198 ACC claims for falls and no fatalities from the house construction workforce in 2014, compared to 10,234 ACC claims for non-working fall claims, resulting in 76 fatalities.

There has been only one fatality recorded from a house construction fall in the past five years. Should we not be concentrating on where the real problem of falls is, and make housing construction more affordable by winding back the unnecessary parts of the current campaign?

Perversely, the current campaign is actually going to



Mike Fox

drive up accidents in the areas where there are already fatalities happening, and where no obvious measures are being made to reduce them.

Quite simply, Worksafe NZ, through not doing their homework, appear to be flogging the wrong horse.

There has been much talk about what the actual costs are when trying to fully comply with Worksafe NZ's falls from height measures, and there appears to be confusion over what the real cost is to the consumer.

Figures I have seen quoted are invariably net figures, excluding the contractor's overheads, margins and holding costs for both the contractor and the home owner.

Worksafe NZ chief executive Gordon MacDonald has been quoted on national radio as saying he believes the cost per single level dwelling is \$2000 to \$4000, which is recovered by the builder within four to six builds.

I am sure there are many of us that would like to see how this is attained and where we can sign up for it, as it certainly doesn't relate to the feedback I have been receiving.

Housing affordability is one of the biggest challenges that the New Zealand home owner is currently facing. It seems inconceivable that a government department could impose measures that drive up costs and reduce productivity without first doing a full cost-benefit analysis.

I believe the real costs to the consumer and implications during

Table 1: Workplace accidents vs other accidents

Serious Injury (and fatal) accidents in 2013		
	Number	Rate per 100,000 person years
All workplaces	447	18.1
Motor-vehicle	1,510	32.9
All other (residual)	8,649	NA
Total New Zealand	10,606	224.1
Falls under age 75	1,677	37.3
Falls over age 75	3,594	1,274.1
All falls	5,271	104.8

Source: Statistics New Zealand

ACC claims due to falls in homes in 2014		
	Entitlement	Fatal
House construction (work-force)	198	None
Non-work DIY (working age)	225	Under 3
Non-work (working age)	10,234	76

Source: ACC (response to the author's OIA request)

construction for a typical single level 200sq m dwelling on a flat site under the current regime are as follows.

The figures and site-specific costs will obviously differ between regions. However, the figures below are actual figures, and are representative of more than 100 Christchurch single-level builds — and the figures are fully discoverable.

Cost to meet the current regime for a 200sq m new single-level home on a flat site since November 2011:

Site safety sign	\$150
Safety nets (hire)	\$900
Scaffolding (erect/dismantle costs)	\$3980
Weekly hire, 6-8 weeks	\$2160
Weekly safety inspections	\$252
Safety fencing (hire)	\$1000
Contractors overheads, 10%	\$844.20
Contractors margins, 8-10%	\$928.62
GST	\$1532.22
Total direct cost to consumer	\$11,747.04

The cost for fall provision for the identical build pre-November 2011:

Site sign	\$150
Roof edge protection (hire)	\$900
Contractors overheads, 10%	\$105
Contractors margins, 8-10%	\$115.50
GST	\$190.57
Total direct cost to consumer	\$1461.07

That gives an increase of \$10,286 to comply with what is being enforced currently, since November 2011. In addition to this, the following indirect costs are incurred by the builder and consumer.

A building will, typically, take two weeks longer to complete whilst contractors wait for scaffold and nets to be installed and removed. I have not heard one builder say that building is faster or costs have reduced due to these measures.

Consumers will be in for an additional two weeks' rent, say \$1100, plus an additional two weeks of financing costs which would equate to \$600 on a mortgage of \$200,000.

Furthermore, as the cost of the dwelling has been increased by around \$13,000, the home owner then needs to fund this cost for the lifetime of the home.

The falls from height campaign costs the home owner \$1.50 per \$1000 of additional expenditure per week, or \$1014 per annum — and this is on top of the initial outlay.

Drains now often need to be installed prior to scaffolding going up, which means the builder has to fund \$5000 to \$8000 extra for the duration of the project. This, along with longer gaps between progress claims, adds additional financing costs.

Worksafe NZ insists that a portaloos is provided on every single site, which is an overkill at \$1200 per build. As many builders have builds in close proximity to each other, portaloos could be shared between them — say within a 200m to 300m radius — saving everyone money and double-ups.



To keep a good work flow going whilst builders wait for scaffolding and nets, multiple work sites need to run simultaneously.

Two sites used to be the norm but that has now stretched to three, and sometimes four, sites to keep men working, with the resulting loss in productivity and longer build times.

Fitting windows into a fully scaffolded single level home (see fig 2 above) risks damage not only to the product but the builder's back — along with crushed fingers — as they endeavour to weave and tilt windows between the scaffolding.

On narrow sites, products such as bricks need to be manhandled to the rear of the site as vehicular access is obstructed by scaffolding — and the same goes for heavy deliveries for the likes of plasterboard. This results in extra labour costs, and the risk of personal injury such as strains and trips.

Is buying your own scaffolding a solution?

Prior to the falls from height campaign, many builders had their own mobile scaffolds and trestles to complete lower level work like that faced when building a single-level dwelling — something that proved to be a cost-effective measure.

The cost of the plant was spread over many builds. However, it is a myth to think that builders will realistically purchase a full or multiple house lots of scaffolding, and that the same financial model will occur.

The amount of plant, storage and transportation of such equipment, along with having to have certified scaffolders to erect and dismantle it, just makes it impractical.

This is why builders are now at the mercy of rapidly increasing scaffolding hireage costs (30% to 50% in the past two years).

One of the biggest cost overruns they have on a project will usually be scaffolding. The new mega-rich in the industry are the scaffolding companies who have been delivered a golden goose by Worksafe NZ.

Unfortunately, with scaffolding in short supply, this has created some opportunistic behaviour, with comments such as "this is the price, take it or leave it", and "if I don't get a decision by the morning I can't get back for two weeks" being, sadly, not uncommon.

The other sad thing about all of this is that the poor home owner, who is already struggling to afford a home, is paying for this bonanza.

So what is a sensible way forward that protects from falls and delivers a more affordable product?

1 Scrap the need for certified scaffolding under three metres and allow onsite builders to build their own scaffolding up to 4.5m in height, just as it used to be.

2 Use roof edge protection to stop roofers from falling when working on the roof.

LETTERS TO THE EDITOR

More common sense writing please

Just a quick message of thanks to your columnist Mike Fox for his article about petty rule enforcement within the building industry.

I've been working on the Christchurch re-build for almost a year now and his views sum up the opinions of the majority of the people involved.

I hope there's more common sense and down-to-earth writing to come from Mike in future editions.

Joe Brook
Christchurch

Scrutiny stupidly over the top

Regarding the article by Mike Fox about petty rule enforcement (*Building Today* August 2015), I fully endorse his view, and have not read something that I can relate to so much in a very long time.

I have been designing houses in New Zealand

and Japan for some 40 years, and the level of scrutiny by some building inspectors around RFIs, while technically correct, is becoming stupidly over the top.

I could give many examples, but one from WCC was asking for proof of the properties of the alkathene pipe supplying water to a dwelling.

There is no reliance on subcontractors knowing their job, and it has to be spelt out to the ninth degree in the consent documents.

All power to Mike and his views — may he long continue with your magazine.

Lloyd Dalton
LBP 117318

Builder buy-in essential

Just wanted to say how relieved I was to read in the August issue of *Building Today* the opinion piece by Mike Fox on petty rule enforcement, and also the article on the folly of the falls from height campaign by Dr Bryce Wilkinson.

I believe there will be hundreds of builders who, like me, feel extremely frustrated about both these issues. It feels like the extra costs

that are being needlessly foisted on the industry and our clients are completely out of our control.

Likewise, we operate under the nagging cloud of concern that at any time we might be penalised for a health and safety rule infraction.

It is comforting to see that lobbying is being done on our behalf to swing the balance back in our favour a bit.

No builder wants to create a shoddily built house or have an unsafe working environment. But logic, common sense and self-responsibility seem to have been ignored in the preparation and implementation of regulations in both these areas.

Builders need to feel that we are achieving something for the benefit of our industry by participating in any industry control or health and safety initiatives.

It is only through builder buy-in in both of these areas that meaningful and cost-beneficial results will be achieved — and surely that is what the whole aim of the exercise is.

Please keep up the pressure on the rule makers to see things from our point of view too.

Steve Haycock
Steve Haycock Construction Ltd
Warkworth

The real dollar cost of the falls from height campaign

From page 33

3 Use safety nets or close up your truss centres to 600mm to avoid falling whilst working above the top plates.

4 Scrap the need for site security fences unless you are building in an area where there is actually a risk to someone entering a site. An example would be an existing built-up neighbourhood or adjacent to a school.

Ironically, what I have described above is exactly what happens in Australia, and would remove the majority of the excess cost and the construction frustrations experienced under the current regime here.

The Australian measures were obviously developed in conjunction with those that work onsite, as they mirror what you would

instinctively do to create a safe affordable site.

The costs for the above would be:

Site safety sign	\$150
Safety nets (hire)	\$900
Roof edge protection (hire)	\$900
Contractors overheads, 10%	\$195
Contractors margins, 8-10%	\$214.50
GST	\$353.93
Total direct cost to consumer	\$2713.43

This equates to a 75% reduction on the costs of the current regime.

Given that the data from ACC shows that falls from house construction are actually very low and, in fact, are the lowest of their statistics, it is indefensible that the current cost of this campaign continues to be inflicted upon the

industry and consumer.

Furthermore, there is an affordable and proven solution available that is used successfully in Australia.

The wisest decision for the industry, consumers and housing affordability is for us to adopt this.

I suspect it will need to be WorkSafe NZ's political masters that will need to direct some much needed change in focus to bring the above into effect.

• A Matter of Balance: Regulating Safety can be downloaded from nzinitiative.org.nz.

• This article contains the author's opinion only, and is not necessarily the opinion of the Registered Master Builders Association, its chief executive or staff.

BT's Back in Time

20 years ago:

- The latest data for new dwelling units authorised for construction in New Zealand showed the number of residential building permits issued in July 1995 plummeted to their lowest level since December 1993. And the total of 1524 was also 23.3% lower than the figure for July 1994.

The Westpac Bank's *Economic Overview* said the July drop suggested that the downward trend in permits was continuing. The Reserve Bank had also since tightened monetary conditions twice during August in order to dampen inflationary pressures.

However, some confusing signals were apparent, as the Westpac McDermott Consumer Confidence Index had risen 5.2% during the June 1995 quarter following three consecutive quarters of decline.

15 years ago:

- A total of 34,613 calls were made to the RMBF's freephone helpline in the 17 months to July 2000 — an average of 2036 calls per month.

The largest number of calls were for validation of the Master Build Guarantee (9343), general information (6196), clients confirming their builder was an RMB (3542), requests from people for the names of RMBs in their area for work referrals (2937), enquiries from members about their recertification as an RMB (1477), stationery orders from members (1435), enquiries about the Master Build Guarantee (1238) and membership or guarantee enquiries from the Federation's Regional Service Officers (1132).

RMBF chief executive Chris Preston said the number of calls increased markedly whenever the Federation's television commercials ran, illustrating the effectiveness of television in promoting RMBs.

10 years ago:

- The Building and Construction Industry Training Organisation (BCITO) appointed Ruma Karaitiana as its new chief executive.

Mr Karaitiana, who is still in the position in 2015, was working as a consultant and as acting chief executive of Manfeild Raceway in Palmerston North.

BCITO Board chairman Peter Robson said Mr Karaitiana was a strong advocate for skills development. "Ruma will bring passion and enthusiasm to our organisation, building on our successes and achievements by continuing to deliver the training and skill outcomes sought by industry, key partners and stakeholders," Mr Robson said.

5 years ago:

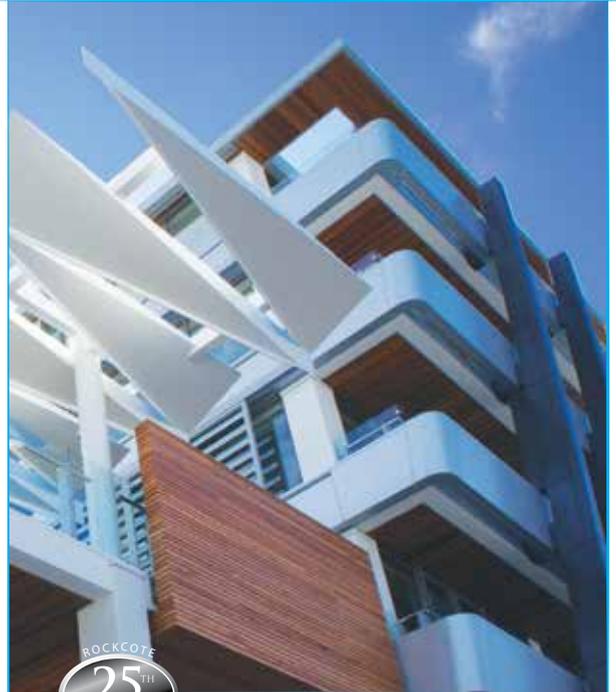
- Accountability in the construction industry was a key message promoted by the Construction Strategy Group (CSG), an organisation comprised of high-level executives actively engaged in the sector.

CSG chairman Richard Aitken, chairman of engineering consultancy Beca Group Ltd, said the extent of defective housing in the 1980s and 1990s highlighted a breakdown in quality performance.

"The industry is responsible for some 5% of GDP. Inherent in its business performance is a multiplier employment ripple through the economy when new homes and commercial buildings are being built at steadily increasing rates," Mr Aitken said.

"A 10% to 20% lift in new home construction above today's recessionary levels will spark hundreds of much needed new jobs. We aim to see that accountability is embraced and ingrained across the sector," he said.

ROCKCOTE®



Athfield Architects, Wellington
Clyde Quay Wharf Redevelopment
ROCKCOTE LiteRock Solid Plaster system

Athfield, inspired Architecture

Resene Construction Systems provides solutions to New Zealand's premier residential and commercial projects.

From our cavity based 'rainscreen' plaster facade's, and hydrophobic INTEGRA AAC flooring Systems, through to our hand applied interior finishing systems, we have developed a range of solutions that incorporate the latest technology & materials to provide durable and aesthetic results that inspire.

All system installations are warranted and installed by our network of professional LBP registered contractors to strict specifications providing surety of performance to your project.

Resene 
Construction Systems

www.reseneconstruction.co.nz
0800 50 70 40

ROCKCOTE® | **psl**
PLASTER SYSTEMS

 530 476
477 500
681 633
706 553 **FPS** .CO.NZ
FUTURE-PROOF BUILDING

Looking back: The LBP Board's first appeal

Timothy Bates, principal of Auckland law firm Legal Vision, focuses on what was the first appeal from a Licensed Building Practitioners Board decision in 2012 to the Far North District Council.

The appeal concerned a complaint originally laid by the Far North District Council against Mr Beattie. Mr Beattie was the subject of adverse findings through that forum.

In particular, the board made findings of incompetence against Mr Beattie and, in a later but interim decision dealing with penalty, ordered that his "work as a licensed building practitioner design be restricted to Area of Practice 2", and that he contribute \$5000 towards the board's costs. These findings were appealed by Mr Beattie.

The council cross-appealed against the finding that Mr Beattie had not been negligent (as well as incompetent).

In particular, the board had reached that view based on a legal interpretation of the word "negligent" in section 317 of the Building Act 2004. This section required proof of loss, because loss caused by breach of a duty of care is a critical component in the tort of negligence. The council argued that to apply the tortious concept to the Act was misconceived.

Facts

The original complaint laid by the council with the board related to Mr Beattie's handling of an application to the council for a building consent for the repair of a leaking residential building in Opua, Bay of Islands.

Mr Beattie's design solution for this property was to apply new cladding over the old cladding without first removing the old cladding to establish the extent of damage by water ingress.

The council complained that Mr Beattie had carried out building work "in a negligent or incompetent manner" in contravention of



section 317(1)(b) of the Building Act 2004.

The board refrained from deciding whether Mr Beattie's proposed design solution was acceptable, this having been already decided in related proceedings. Instead, it focused upon whether the building work had been completed in a negligent or incompetent manner.

Whilst finding that he had not been negligent, it did find that he had carried out his work in an incompetent manner, judged against the four competencies described for Level 3 design work in the Licensed Building Practitioners' Rules.

There were two grounds of appeal relied upon by Mr Beattie. In the first instance he complained he was not afforded sufficient time to respond to the expert report provided by the expert appointed by the Registrar.

Furthermore, Mr Beattie complained that he was not provided with adequate time to prepare for the hearing itself with the board.

The District Court agreed with both of these criticisms. It also went on to find that the Registrar's report, including the appointed expert's report, wrongly transgressed into the merits of the complaint, and did not include the Registrar's summary of facts as agreed and disputed between the parties.

The expert report itself went well beyond the role of a special adviser, and the expert's report was not balanced which, in turn, tainted the Registrar's report.

Overall, the court held that the cumulative effect of failing to follow the statutory procedures had robbed the board's process of integrity, or the assurance of integrity.

As a result of those problems, both the substance and the appearance of fair dealings with Mr Beattie had been seriously compromised, and the matter was sent back to the board for a rehearing (with the requirement for a new report from the Registrar that addressed its prior failings).

Since this matter was the first appeal from the board, the District Court judge also made a number of miscellaneous findings, no doubt to assist the board moving forward in its decision-making capacity.

It held that even if the complaint had been made out as against Mr Beattie, a warning to him rather than a restriction of the work he might carry out was the appropriate remedy. To reduce his area of design work immediately would be an excessive penalty.

The meaning of the words "negligent" in section 317(1)(b) of the Act is not the same as the constituent parts of a successful negligence cause of action in the law of torts. The absence of damage is not determinative of liability.

The focus is upon behaviour that falls short of what is to be considered acceptable and not mere inadvertent error, oversight or, for that matter, carelessness.

A negligent manner of working is one that exhibits a serious lack of care judged by the standards reasonably expected of such practitioner, while an incompetent manner of working is one that exhibits a serious lack of competence (or deficit in the required skills) judged by the four areas of design competence.

This was the first appeal from a Licensed Building Practitioners Board, and it is noted that the board typically goes back to this District Court decision where complaints are made against builders in terms of negligence/incompetence in accordance with section 317 of the Building Act 2004.

Note: This article is not intended to be legal advice (nor a substitute for legal advice). No responsibility or liability is accepted by Legal Vision or *Building Today* to anyone who relies on the information contained in this article.

Legal Vision
BARRISTERS & SOLICITORS

Legal Vision specialises in providing legal advice to the Building Industry

Principal: Timothy Bates LLB (Hons)

DDI: 09 379 9668 ext: 1 | F: 09 379 9670
tim@legalvision.co.nz www.legalvision.co.nz
PO Box 147423 | Ponsonby 1144 | Auckland
Unit 63, 210-218, Victoria Street West | Central Auckland 1010

Holcim's Timaru Dome

Dr Kerry Rodgers has been observing the rise and rise of a 30,000 tonne storage dome.

In October last year the ceremonial ground-breaking took place at the Port of Timaru for Holcim New Zealand's new \$50 million cement import terminal. The site had been fully cleared of old silos and was then ready for construction.

The entire terminal consists of two berthing facilities, shore-based ship unloading capacity, a cement truck load-out facility, ancillary buildings, and a cement storage dome with a 30,000 tonne capacity.

For the local citizenry, principle interest has been centred in the rise of the 36m diameter, 35m tall dome that accounts for half the cost. It is already a prominent feature of the Timaru landscape, and has become known as "The Dome", with those initial capitals now part of the local lexicon.

While storage domes are in common use throughout the world, Holcim's Timaru dome is a first for New Zealand. The design and construction have been undertaken by Domtec International, a US-based contractor with 20 years' experience.

Initial work was concentrated on ground improvements to the Timaru soil to meet the geotechnical requirements of the continuous circular ring beam foundation on which the dome proper stands. Readers can rest assured the Christchurch earthquakes were uppermost in both Holcim's and Domtec's minds.

Following completion of the ring beam, all the steel reinforcement needed for erection of the dome was placed inside the footprint along with the necessary machinery. The custom-fabricated dome skin exterior membrane was then attached to the ring beam.

Once everyone was happy, inflator fans were connected to inflation ducts, and the internal pressure slowly increased. It took just over an hour for the dome to gain its final shape. This occurred in late February this year.

When full inflation was complete, internal construction began by spraying a layer of polyurethane foam over the Dome's inner skin. This not only provided initial rigidity but also served as the essential insulated thermal barrier.

Some 450 tonnes of permanent steel structural rebar were then erected around the inside perimeter, followed by layer upon layer of sprayed shotcrete to complete the basic structure.

Insertions were then cut into the completed structure to allow installation of equipment such as dust collectors.

Domes typically take three months to construct. Those used to hold cement are fitted out with a fully aerated floor to fluidise the cement for ease of flow, and to ensure the dome can be fully emptied. Cement from the ships is unloaded by a pneumatic suction arm and transported pneumatically to the dome.

The Timaru terminal is on track to be fully operational in the first quarter of 2016.

Those wanting to know more can check out the dome international web site at www.domtec.com, or you can view the dome construction process at www.youtube.com/watch?v=j2pf7xNOvhA&x-yt-ts=1422579428&x-yt-cl=85114404

Most in South Canterbury view the dome with interest, verging on fascination, and see it as a sign of the growing importance of the Port of Timaru to the South Island.

However, there are those somewhat less enchanted. These include residents whose



homes are in line of view. Some have been rather vocal following inflation. Nevertheless, The Dome is surely more easy on the eye than the line of rusty, aging silos it replaced.

At the time of that transitory brouhaha, one Auckland reporter found time to check out the Timaru venture.

They were then able to assure *New Zealand Herald* readers that they too were about to receive an "eyesore" when Holcim erected a dome in their neck of the woods.

Aucklanders will not have long to wait. Work has commenced on the northern structure, with the intention of having it operating in the third quarter of 2016.



Above: The continuous circular ring beam foundation for Holcim New Zealand's storage dome at the Port of Timaru.



Readying the custom-fabricated dome skin exterior membrane for inflation following attachment to the completed ring beam.

Over-promising and under-delivering . . .

Terry Sage of Trades Coaching New Zealand says don't over-promise and under-deliver. And don't treat your clients like they are dumb!

I've just come back from a two-day conference — nothing to do with work and all to do with my sport, one of them anyway.

Just to clarify — if any of you get to talk to the boss indoors, she will say the sport has preference in every way over all other aspects of our normal life. I am going on record to say that that is totally unfounded.

But it gets the attention because it is a major marketing tool for the business through the sponsorship dedication I betroth upon it.

Now, I am totally against any sexist remarks in business, and especially in my writing, but she has her sports too, and the retail sector benefits enormously for it. Fellow sports enthusiasts, do I have your support here?

Right, now I have dug that hole and probably not managed to climb out of it as cleanly as I wished, why am I going on about a conference? It's because of the many conferences I have to attend, this one is, by far, consigned to the category of rubbish (a usable word for print but not as descriptive as I really intended).

I'm sure you've all been to conferences, and you know what makes a good conference, right?

The bottom line is for all the guff that goes on in the conference, you want to come away with all the warm fuzzy feelings of motivation, positivity, inspiration and camaraderie. Not walking out saying what a waste of two days, and that the organisers are all a bunch of pole throwers.

This particular conference was billed as the turning point for the sport. We were told there has to be wholesale change or the sport will cease, and that big decisions will have to be made.

Great, bring it on, let's get stuck into making changes for the better of all involved.

Talk about false advertising — not a single decision was made, and it culminated in "this is the clubs' problem, sort it out amongst yourselves".

So on the long drive home I had time to calm down and reflect upon what I'd heard. I strongly believe that all clubs, sports and otherwise, with volunteers or employees, should operate under a business structure.

It struck me that if any of my clients ran their businesses as this particular executive runs this association, the chances of them staying in business for a long period of time would be slim.

Promising the world

First, they promised the world with statements they knew the membership wanted to hear. Then they rather cleverly orchestrated the weekend to start conversations on the important topics, but packed the agenda so full that the words "great we need to move on but we will come back to that" were used extensively.

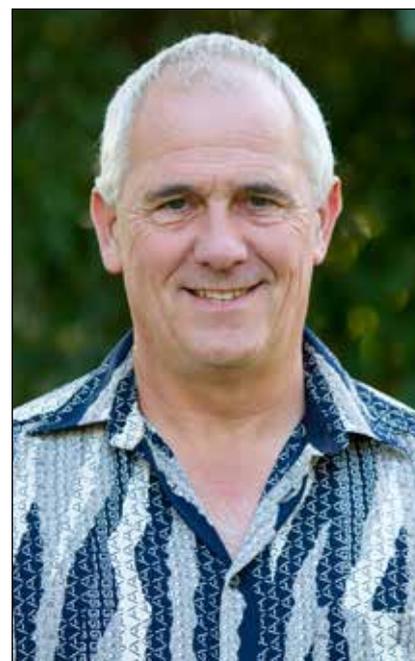
Clever move number two was that they left the most controversial topic until last. The discussion was allowed to go way over the time limit so that there was no time for the "come back to that" on all the other topics.

So in two days nothing was achieved. Or was it? The executive will now make the decisions and say "well, you guys failed to come to a conclusion so we have done it for you".

This is business by manipulation. It is a means to get your own way, but it leaves a very nasty taste in the mouth — and using this strategy will ensure that return business from any client is not very likely.

Thank you for letting me vent my frustrations, but it's not all about my psychological well-being, important as that is, of course.

It is to say there is a crucial message here. Do not over-promise and under-deliver, and do not treat your clients like they are dumb. The only one that will end up looking dumb will be you.



Become a fully-trained Business Coach

There is an opportunity to be a part of Trades Coaching New Zealand Group and become a fully trained business coach.

We are looking for builders and trades people who want a change in life. If you have owned and operated a successful building business, have a good insight in business practices, have exceptional communication skills and have a desire to take home a great income, we want to hear from you.

If this sounds like you, then contact us today!

Phone: (09) 945 4880

Email: info@tcnz.net.nz

www.tradescoachingnewzealand.co.nz



Trades Coaching
New Zealand
THE BUSINESS SIDE OF CONSTRUCTION

Building Consents Information

For All Authorisations, July 2015

Dwellings	\$959,912,000
Domestic Outbuildings	\$15,846,000
Total Residential	\$975,758,000
Non-residential	\$454,900,000
Total All Buildings	\$1,430,658,000
Non-building Construction	\$22,628,000
Total Authorisations	\$1,453,286,000

Number of new dwellings consented

	Jul 2015	Jun 2015	Jul 2014		Jul 2015	Jun 2015	Jul 2014
Far North District	22	15	16	Horowhenua District	14	4	12
Whangarei District	44	21	29	Kapiti Coast District	14	16	10
Kaipara District	16	20	15	Porirua City	21	12	15
Rodney District	74	85	36	Upper Hutt City	14	7	13
North Shore/Albany Wards	277	291	363	Lower Hutt City	13	12	28
Waitakere Ward	55	29	33	Wellington City	29	36	40
Auckland Wards	478	78	105	Masterton District	8	1	5
Manukau/Howick Wards	125	89	163	Carterton District	2	0	4
Manurewa-Papakura Ward	65	74	94	South Wairarapa District	5	4	4
Franklin Ward	42	58	55	Tasman District	33	31	33
Thames-Coromandel District	18	17	27	Nelson City	12	12	9
Hauraki District	6	6	8	Marlborough District	18	13	15
Waikato District	53	55	43	Kaikoura District	2	3	2
Matamata-Piako District	11	8	9	Buller District	1	4	2
Hamilton City	129	70	59	Grey District	4	4	4
Waipa District	43	26	42	Westland District	7	3	0
Otorohanga District	4	1	5	Hurunui District	10	12	11
South Waikato District	6	5	3	Waimakariri District	66	49	68
Waitomo District	2	1	0	Christchurch City	425	344	363
Taupo District	22	17	12	Selwyn District	83	92	124
Western Bay of Plenty District	34	17	17	Ashburton District	19	20	15
Tauranga City	118	120	97	Timaru District	38	18	15
Rotorua District	19	5	9	Mackenzie District	5	5	5
Whakatane District	8	4	4	Waimate District	2	0	4
Kawerau District	1	0	0	Chatham Islands Territory	0	0	0
Opotiki District	3	0	1	Waitaki District	9	6	12
Gisborne District	10	5	5	Central Otago District	18	22	21
Wairoa District	0	0	0	Queenstown-Lakes District	85	76	48
Hastings District	12	11	11	Dunedin City	35	17	51
Napier City	15	6	15	Clutha District	5	6	2
Central Hawke's Bay District	3	1	4	Southland District	13	4	7
New Plymouth District	39	40	28	Gore District	0	3	2
Stratford District	3	0	2	Invercargill City	12	3	7
South Taranaki District	5	2	2	Area Outside TA	0	0	0
Ruapehu District	4	0	1				
Wanganui District	7	5	5	Total	2824	2042	2282
Rangitikei District	2	1	1				
Manawatu District	5	2	5				
Palmerston North City	22	18	7				
Taranaki District	0	0	0				

• Based on 2006 census areas

• Each dwelling unit in a housing project is counted separately

• Figures in these tables may differ from published statistics

Source: Statistics New Zealand

What's On the Web?

www.buildingtoday.co.nz

Bear with us while our web site undergoes a grand makeover to make your visit more satisfactory in every way — from catching up with the latest, most relevant news for the New Zealand construction industry to the latest products in the market, and the chance to win some great competition prizes!

Skills Maintenance Points

One hour of learning = 1 point

Read *Building Today* magazine and earn Skills Maintenance Points

For more information go to www.dbh.govt.nz

Subscribe to Building Today

Building Today is the industry news magazine that keeps you up to date with what's happening in the construction industry. Subscribe today by completing this coupon and **FREEPOSTING** it with your cheque.

Attached is a cheque (payable to Taurean Publications Ltd) for **\$57.50** (incl GST, GST No: 66 019 802).

OR

Email postal and other details from below to: andrew@buildingtoday.co.nz
AND direct credit payment to: Taurean Publications Ltd (Account No: 03 0285 0142474 00)

**FREEPOST to: Building Today, Freepost 67 299,
 PO Box 35343, Browns Bay, Auckland 0753**

Name: _____ **Company:** _____
Address: _____
Type of business: _____
Email: _____ **Ph:** _____
Signature: _____ **Date:** _____

CARTERS

TRADE OFFERS

SEPTEMBER 2015 ISSUE OUT NOW!

SPRING

SUPER SPECIALS

**SPEND OVER \$4,500 (EXCL GST)
ON GIB® PERFORMANCE
BOARD AND RECEIVE A:***

FREE



HITACHI PREMIUM WORKSITE SOUND SYSTEM

*See in-store for details. Promotion ends 30th September 2015.