

courts of law brisbane



PROJECT SPOTLIGHT:

The **QUEEN ELIZABETH II COURTS OF LAW, BRISBANE** has been in development since 2008 with award-winning NWCI pioneering the project and working alongside Rondo. The \$570 million project crosses both traditional and modern features off their list, remaining true to their heritage whilst tying in the new wave of environmentally friendly and sustainably efficient elements.

The 19 storey building that covers 60,000m² in central Brisbane is now home to Rondo QUIET STUD[®], Top Hats, Steel Stud framing, KEY-LOCK[®] ceiling systems, resilient channels, Acoustic Clips and PANTHER[®] Access Panels including a specially-designed corrugated Metal Face Access Panel.

Particular emphasis was placed on the design criteria which stipulated that it needed to handle internal wind pressures of up to 2.44kPa. Rondo was called upon to generate specific engineering designs to meet acoustic and pressurised wall framing and load bearing stud ceilings, with the result being the use of a non-standard 130mm Rondo Stud that was designed to perform according to these requirements.

Photo courtesy of the Department of Justice and Attorney General

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A Channel R Publication



HELPING OUR COMMUNITY: KIDS UNDER COVER



Rondo has recently partnered with Kids Under Cover, a not-for-profit Australian organisation which works tirelessly to prevent youth homelessness. Their model is simple: Building studio homes for homeless and at-risk young people, and supporting their education through scholarships and mentors, so that they are empowered to take responsibility for their own lives.

There are many ways in which Rondo will be supporting Kids Under Cover, with the more recent support being in the way of a joint golf event for Rondo customers in Victoria. Approximately 80 Rondo employees, customers and suppliers were in attendance, some of which flew interstate just to participate in the highly-anticipated event.

There were two golfing competitions held for the 'straightest drive' and 'least putts'. Attendees paid to participate in each competition, with all funds donated directly to Kids Under Cover. After a few rounds of golf, Rondo also held an auction which had attendees bidding on sporting memorabilia. With all activities considered, the Rondo VIC 2013 Golf Classic raised \$2000 for Kids Under Cover, enough to pay for two scholarships for young people at risk of homelessness – but that is only the beginning.

Rondo will continue working with Kids Under Cover to help raise awareness in their fight to alleviate youth homelessness through promotional support and charitable activities, with the goal of raising enough money to provide Kids Under Cover with one relocatable studio by the end of the year. Each studio apartment helps up to 5 families over the course of its life.

To find out more about Kids Under Cover, visit www.kuc.org.au today or follow them on Facebook.



THESE ARE THE RULES TO WIN.



For the months of March and April, we are giving away 20 x 8m construction tape measures every week. Find us on Facebook and enter today for your chance to win.

Simple, isn't it?



www.facebook.com/rondobuildingservices

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update

RONDO PANTHER® SRAP NOW WITH MAGNETIC CATCH

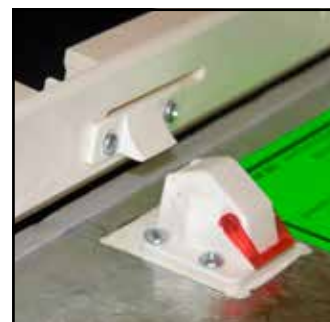


To complement the existing touch latch option on the PANTHER® Sound Rated Access Panel, Rondo now offers a more secure alternative in the form of a magnetic catch. This catch option offers enhanced security as it provides the user with an invisible opening method.

By placing the magnetic key beneath the lock, the latch is released and the door will open. Removing the key allows the latch to spring back and the door is closed by simply pushing it into position until it 'clicks' closed.

This quick and simple process results in a secure access panel with a plain door which cannot be opened accidentally.

The magnetic catches can be purchased when ordering any of the three standard SRAP sizes (300 x 300, 450 x 450, and 530 x 530) and are available now from an Authorised Rondo Distributor.



FREQUENTLY ASKED QUESTIONS: RONDO BATTENS



Q: What are the correct fasteners for Rondo 301 batten (hardwood/softwood)?

A: In both hardwood and softwood, 2.8mm Annular Ring Shanked Nails can be used or Wafer Head screws.

Q: Can Rondo 301 Batten be used in a commercial application?

A: 301 Batten is designed for domestic use. Rondo 308 16mm or Rondo 129 28mm Furring Channels are appropriate for commercial applications either direct fixed or suspended.

Q: Is there a wall anchor clip for Rondo 301 Batten?

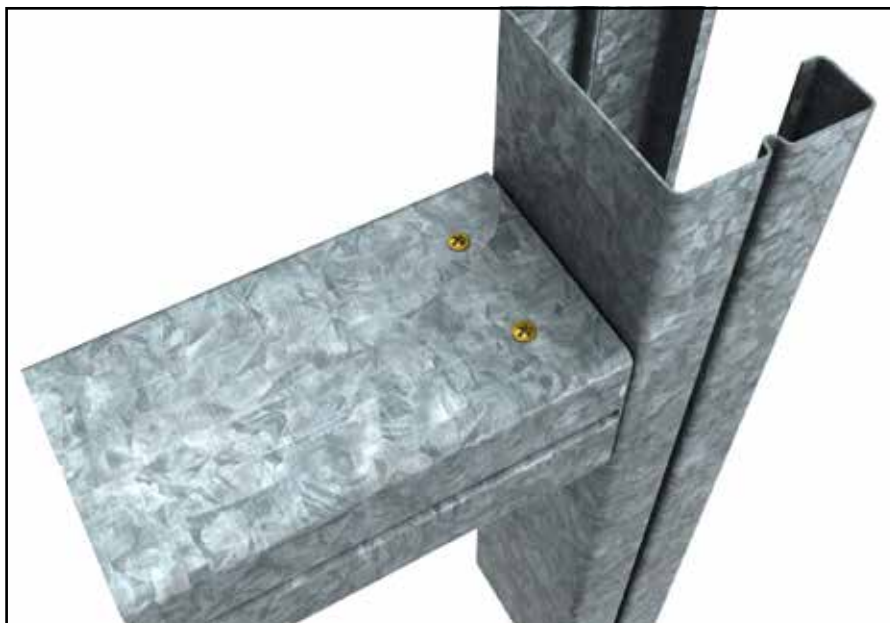
A: No, the 301 Batten should only be used in a ceiling application.

Q: Can I nail or screw fix Rondo 301 Batten to the underside of joists in a double storey application?

A: No, in any double storey application clips must be used and batten must have a minimum clearance of 1-2mm from the underside of the joist.

To receive Rondo updates as they happen, join Channel R at www.rondo.com.au

THE BENEFIT OF LIGHT-WEIGHT STEEL FRAMING IN EXTERNAL WALL CONSTRUCTION: MAXIFRAME®



Released two years ago, the Rondo MAXIframe® External Wall Framing system is already considered to be a success by many end-users and is paving the way for light-weight steel framing in external wall construction.

Rondo's MAXIjamb®, which is a Jamb Stud, is located immediately adjacent to window or door openings, as they support and carry the wind loading applied across the width of the wall opening. The load carried by MAXIjamb® is significantly greater than that carried by wall studs, which means the latter needs to be strengthened by either installing two studs in a boxed configuration or back to back. Simplifying external wall framing construction by replacing these multi-element, boxed stud, jamb, sill and header members around openings has not only reduced material usage but more importantly labour costs.

MAXItrack®, Rondo's Slotted Deflection Head Track, is slotted along the flanges to provide for building vertical movements and offers a positive connection between the stud and deflection head. This has allowed the nogging normally located 100mm below the head track to be removed so that installation is less complex, but also results in a more structurally capable system.

As the system has extended the potential for light weight steel framing to be utilised in construction of external wall framing, many major projects have incorporated it, such as ones listed in this issue of insideR; Sydney Children's Hospital (page 7), ABC Brisbane Building (page 8), and Craigieburn Town Centre (page 9).

Rondo has continued to develop the MAXIframe® system since its introduction, particularly with regards to the modification to the 202 Sill/Header bracket to ensure there is no overhang of the section that could interfere with the linings, whilst still maintaining security of the MAXIjamb® Sill/Header section during installation.

MODIFIED 202 SILL/HEADER BRACKET



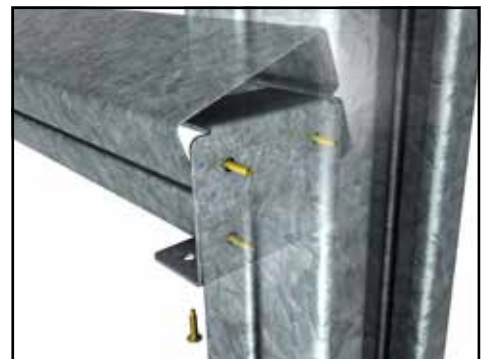
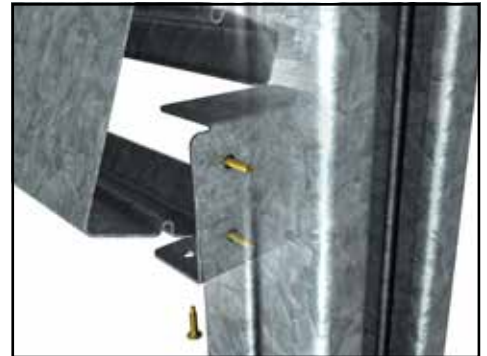
The Rondo MAXIframe® 202 Sill/Header Bracket has been modified to ensure there is no overhang of the section that could interfere with the linings, whilst still maintaining security of the MAXIjamb® Sill/Header section during installation. The new 202 bracket design means one fixing flange is visible and the other invisible. Once the bracket is installed

against the web of the MAXIjamb® using 4/#10 wafer head tek screws, the MAXIjamb® section has to be 'rolled' into place as illustrated.

The exposed flange has two pre-drilled holes for fixing to the MAXIjamb®, whilst the flange that is now inside the MAXIjamb® should be secured by fixing the screws through the top, 25mm in from the inside jamb face and 25mm from the outer edge of the section (*see pictures alongside*).

This new bracket is fixed to the MAXIjamb® with the shorter internal flange facing the opening. For example: when securing the sill member the short flange faces up and when securing the header, it faces down. (*For your convenience, the Rondo 202 Sill/Header Bracket is stamped accordingly on its inner face.*)

Once finally secured into place, the outer face of the 202 Sill/Header Bracket will align neatly with the face of the MAXIjamb® section, both internally and externally.



MISSED OUT LAST YEAR? BETTER MAKE TRACKS TO YOUR RONDO DEALER... THE EXTREME MOUNTAIN BIKE GIVEAWAY IS ON AGAIN.

We've decided to keep the challenge going to give more customers the chance to get their hands on an EXTREME® mountain bike & helmet valued at \$1000 rrp.

All you have to do is purchase a total of \$5000 or more of Rondo EXTREME® beads* during **any** consecutive 12 months and a brand new mountain bike could be yours.

To find out more and to read the full terms and conditions, visit www.rondo.com.au and start totalling up your invoices now to claim your bike while stocks last.



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EXTREME®

*Terms and conditions apply.

HOW TO ACHIEVE GOOD ACOUSTIC CONTROL: WHEN TO USE RONDO QUIET STUD® OR STAGGERED STUD

In our May 2012 edition we covered how to achieve good acoustic control, where we explained how it began with good acoustic design.

The article detailed that in the case of adjoining dwellings which have a common inter-tenancy wall, noise intrusion can be limited by considering a range of factors including; planning quiet areas, designing walls to be full-height, to underside of soffit or roof above, use of high quality acoustic-grade insulation in wall cavities, sealants at intersections and quieter pipe constructions, and minimising both penetrations in sound-rated walls and incidents of flanking paths (door next to other doors, power outlets back to back etc).

Another important part of achieving good acoustic design is selecting the right Rondo steel stud components for the job.

RONDO QUIET STUD®

Where discontinuous wall construction is not required, Rondo QUIET STUD® can be used as its unique design achieves superior performance in a smaller footprint, leaving more usable floor space. The installation method is also practically the same as standard drywall construction, resulting in lower installation costs and a virtual fail-safe acoustic wall-system.



Rondo QUIET STUD®

STAGGERED STUD SYSTEMS

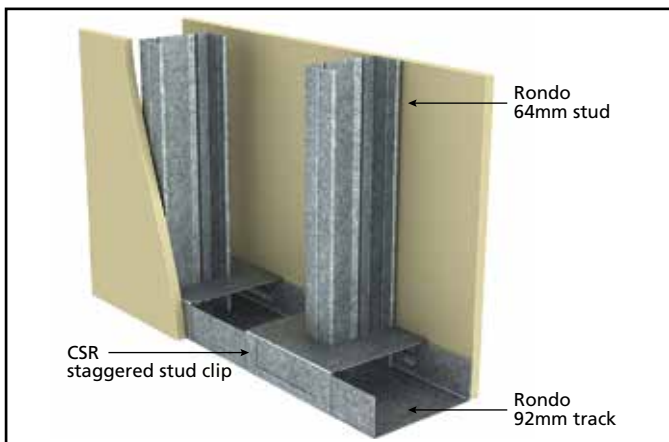
Where discontinuous wall construction is required, a Rondo staggered stud system can be installed. This is because such a wall, as defined by the BCA, does not have any rigid mechanical connection between the two separate sides of the wall, internally. The BCA further defines such walls as having a gap of at least 20mm between the two sides.

A staggered stud wall works simply by placing studs inside a wider wall track so that in effect two single sided stud walls are placed in the same 'footprint' opposing each other. For example; 64mm studs spaced 600mm apart and set in a 92mm track with the studs fixed to opposing sides of the track are "staggered". They are appearing to be spaced 300mm apart, but are in fact 600mm apart on each side of the track.

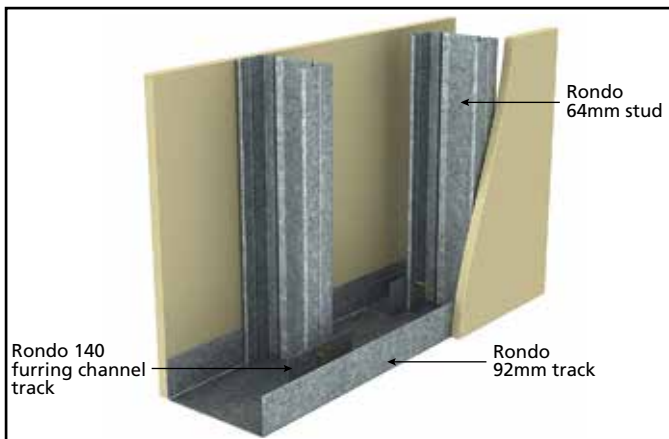
The main lining board manufacturers provide fittings which enable the studs to be properly secured into the track both at the bottom (floor) and the top (soffit).

PROJECT NEWS: SYDNEY CHILDREN'S HOSPITAL NSW

This wall system will do the job functionally but as noggings cannot be used, the walls should be lined horizontally to guard against visible vertical board joints at the studs in situations such as glancing light. Similarly they take longer to install than a simple QUIET STUD® application, but for walls where the BCA deems discontinuous wall construction be required then a staggered stud system is the only option.



Staggered Stud Method: Example 1



Staggered Stud Method: Example 2



With more than 36,000 children presenting to the Emergency Department and 18,000 admitted to the Sydney Children's Hospital each year, the health department saw a need to expand the current hospital by developing a new five-storey Hospital wing, for which Rondo provided extensive technical design support.

The installation of the intricate external façade framing using combinations of Top Hats and Steel Stud proved to be a challenge as each window opening was of various sizing. This hurdle was overcome with the assistance of Rondo's Technical Team who created unique designs of the external façade framing which pleased Contractor Conrad Linings and Builder, Broad Construction Services.

Furthermore, Rondo worked in consultation with Hyder Engineers for a solution of the 150mm MAXIframe® External Walls and Framing that required galvanised sheet metal to be installed on top of the framework to prevent any potential water ingress, with Rondo supervising the correct installation.

The \$30 million project was completed in early 2013.

PROJECT NEWS: ABC BUILDING BRISBANE, QLD



Environmental sustainability was the key design element behind the new ABC Studios project.

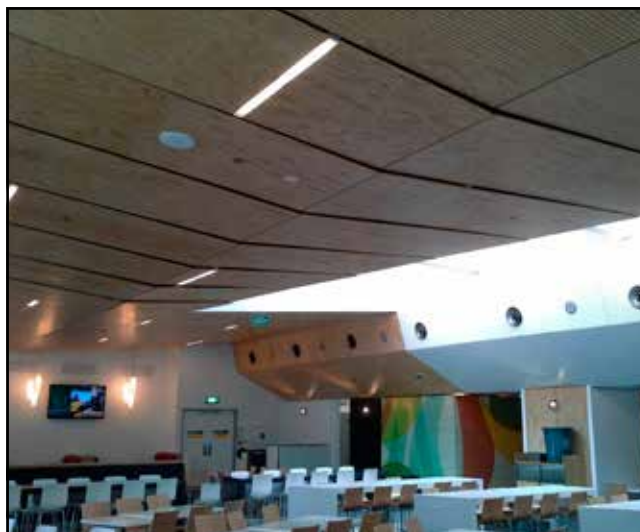
This unique project features 125 different wall types and 25 different ceilings which are located over four floors. Diverse wall and ceiling designs are exciting, but when it comes to installation they are somewhat more challenging. There were numerous factors that needed to be considered which required technical support from Rondo on acoustic control, varying wall heights and load bearing in walls.

One of the feature rooms is the MPS room, where the Queensland symphony orchestra will rehearse and perform. The MPS room required a large amount of design work to be provided, such as; high acoustic wall framing which needed to be independent from the external structure, load bearing applications, wall heights of over 10 metres, lining weights consisting of multiple layers of MDF, plasterboard and feature timber wall panelling systems.

Rondo was able to provide a solution to suit the projects' specific design criteria by using readily available materials and technical support. The wall framing for the MPS room consisted of over 31m of 150mm Steel Stud and Track, including noggings. This area also required the installation of the Rondo MAXIframe® External Wall Framing System and Rondo KEY-LOCK® suspended ceiling systems.

Due to Rondo's speedy response with regards to technical enquiries as well as the product guarantees and assurance, this project benefited from the use of our lightweight systems to achieve the complex design criteria.

PROJECT NEWS: LAMBTON SQUARE WELLINGTON, NZ



In the heart of Wellington City, New Zealand, sits an iconic shopping centre that has been recognised as a premiere shopping destination for the last 30 years. Lambton Square is situated in Lambton Quay, which is regarded as the 'Golden Mile' of shopping and has direct access from 'The Terrace', Wellington's corporate and Government district.

The \$11.3 million dollar renovation of Lambton Square required Rondo product throughout including our KEY-LOCK® Concealed Suspended Ceiling System, Steel Stud Wall framing system and various other Rondo components for the fixing of plasterboard and feature panels.

There were a number of specific Rondo components for the considerable bracing required over numerous levels and varying planes. Rondo provided extensive technical designs and advice to overcome these issues including seismic restraints to achieve the desired results.

Completed in November 2012, the renovation created a sophisticated space for patrons who will no longer be subject to a cramped atmosphere due to the extension of the food court which provided 2000m² of additional space, allowing for a total of 28 new businesses.

project

PROJECT NEWS: QUEST APARTMENTS ADELAIDE, SA



Currently, Quest is on an aggressive expansion drive throughout Australia, with seven projects to be completed over the next 12 months. Specifically, the freshly completed Quest on Franklin in Central Adelaide of which, Rondo has provided over 200,000l/m worth of product.

Working alongside Kyren Group, Ceiling Express and Cheesman Architects, Rondo delivered frequent technical design support, as well as stock level forecasting which was imperative to control the crane lifts. Specifically using Rondo KEY-LOCK® Concealed Suspended Ceiling System, Steel Stud and Track, QUIET STUD® and PANTHER® Access Panels, this considerable project which is deemed to be the largest development the city has seen in almost a decade, has achieved a Green Building Council of Australia 5-Star rating and a modelled NABERS 5-Star rating.

project

PROJECT NEWS: CRAIGIEBURN CENTRAL VICTORIA



Craigieburn Central is a highly anticipated development providing residents of the area with one of Australia's freshest retail experiences. Through weekly site inspections and design assistance, Rondo will support the project and in particular, builder Lend Lease and contractor Expoconti to achieve their ultimate goal of developing a unique and accessible shopping district for Craigieburn residents.

Utilising MAXIframe® External Wall Framing components, Steel Stud and Track, KEY-LOCK® Suspended Ceiling System and DUO® Exposed Grid Ceiling System, the project will be loaded with Rondo product. Further to that, special attention will be paid to the design/construction of large bulkheads which will be featured throughout the Coles Supermarket.

Rondo's Technical team also developed a ceiling grid that was specially designed to cater for Target's large 'Hub Rings': a ceiling feature that will be consistent with the new look store.

The project is slated for completion at Christmas this year – just in time for the Boxing Day sales.

RONDO LEARNING ONLINE

RONDO LEARNING ONLINE:

Rondo Learning Online gives each participant a better understanding of the basic installation process and typical application of Rondo products, including wall and ceiling systems and accessories – for free!

Rondo is continually looking to improve our Online Product Training offer, with updates this month including; the addition of two new sections that cover our PANTHER® Access Panels and EXTREME® PVC Bead ranges, which means Rondo now offers comprehensive training on six of our major product categories.

Who should participate?

- Customer Service staff who need a basic level of information about Rondo products
- Sales Representatives who are relatively new to the role or Rondo products
- Apprentices who work with plasterboard or metal systems
- Students currently learning about internal wall and ceiling systems
- Those who unfortunately cannot attend a face to face SKILLS training session due to time/travel restrictions

What others have said:

“Very good idea, able to incorporate into our training of apprentices”

“Great basic learning”

“As a Former/Future Trade Teacher/Assessor for the Wall & Ceiling Industry and as a 32 year Plastering practitioner... I find this resource invaluable and I look forward to utilising it in a Teaching Environment. Well Done!!”

“Became familiar with new products introduced and applications was pertinent”

To read more about Rondo Learning Online, or start the training, visit www.rondo.com.au today.

RONDO Learning
online

RONDO SKILLS 1

SKILLS 1 PRODUCT TRAINING FOR BEGINNERS

Led by our National Product Trainer, John Piepers, SKILLS 1 for beginners is a free face-to-face training session that allows participants to connect Rondo products together and see them installed as a system.

Who should attend?

- Customer Service staff who need a basic level of information about Rondo products
- Sales Representatives who are relatively new to the role or Rondo products
- Apprentices who work with plasterboard or metal systems

What others have said:

“I knew nothing to start with and leave with a good basic understanding of Rondo and how I can assist my customers.”

“All elements were helpful”

“Not too heavy, clear and explained”

UPCOMING COURSE DATES:

MELBOURNE

SKILLS 1 for Beginners:

March 19, 20 & 21

PERTH

SKILLS 2 for Intermediates:

April 16, 17, 18 & 19

NSW

SKILLS 1 for Beginners:

May 21 & 22

SKILLS 2 for Intermediates:

May 23 & 24

QLD

SKILLS 1 for Beginners:

June 18 & 19

SKILLS 2 for Intermediates:

June 20 & 21

Spots are filling fast, so speak to your local Rondo branch to coordinate your next free Rondo training session today.

RONDO SKILLS 2

SKILLS 2 PRODUCT TRAINING FOR INTERMEDIATE

Also run by Rondo's qualified National Product Trainer, John Piepers, SKILLS 2 teaches customers how to install our various wall and ceiling systems, square a room and select the most economical system design from Rondo load tables. This is achieved through a hands-on learning experience where each individual is given a scenario and using the tools and information provided, they work out a practical solution.

Who should attend?

- SKILLS 1 participants who require more practical experience working with Rondo systems
- Sales Representatives who are already familiar with some Rondo products, but not all
- Apprentices who work with plasterboard or metal systems

What others have said:

"The hands on element was superb. We were able to install the DUO & KEY-LOCK systems ourselves"



MEET OUR NATIONAL PRODUCT TRAINER



John Piepers, Rondo's National Product Trainer, has an extensive career in engineering, spending 22 years working throughout Australia and Europe before joining HMAS Nirimba as a Technical Instructor.

There, he developed his skills in Teaching. For six years John worked as Technical Instructor, at the same time completing various job-related courses and Teaching after work at night for TAFE NSW. Rondo was lucky enough to welcome John into the company back in 1993 as an Engineer within our Research and Development Department. Here he spent time researching new product innovations, designing and drawing profiles, and testing Rondo products – playing the lead role in the development and launch of our Rondo DUO® Exposed Grid Ceiling System in 1999.

When the National Product Trainer position came up in 2011, John was excited to have the opportunity to combine both his technical and teaching skills into the one role, where he could educate customers all over Australia and New Zealand with the knowledge he had gained over his last 20 years at Rondo.

Although already having completed it some years prior, John studied Certificate 4 Training and Assessment in 2011 to ensure his teaching methods are up-to-date with current practices and available technologies.

concealed & exposed
suspended ceiling systems

access panels

plaster & render
finishing sections

steel stud drywall
framing systems

CROWN METROPOL, Melbourne

we're behind the best buildings

why compromise?
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