

# kapsarc saudi arabia



## PROJECT SPOTLIGHT:

The **KING ABDULLAH PETROLEUM STUDIES AND RESEARCH CENTRE (KAPSARC)** is a unique cellular structure currently under construction in the hot deserts of Saudi Arabia and designed by the world-renowned Zaha Hadid Architects. Conceptualised on the idea of 'connection', the building is designed as a crystalline structure composed of modular six-sided cells that are all interconnected.

Rondo Malaysia commenced work on the design and engineering of partitions and ceilings on this project in 2010, working alongside the successful contractor DEPA whom Rondo has worked with on numerous projects over the last five years. The unparalleled structure will feature a series of shaded outdoor spaces, courtyards, entrances, meeting areas, indoor gardens, corridors, underground tunnels and roof terraces.

The building's steel structure (based on Rondo Steel Stud and Track) as well as the external wall and roof panels are currently under construction and the ceiling and partition frame commenced supply in July of this year. Rondo Malaysia expects the main sector of the \$2.5million project to be complete by November 2012, with an official opening in 2013.

The campus will be home to research and development facilities, focusing on energy and environmental exploration and analysis.

Special emphasis will be given to sustainability and several green building techniques will be utilised to achieve the prestigious LEED platinum certification. The use of shading and natural ventilation will help keep the indoor/outdoor spaces cool, while natural light will further reduce energy demands. Moreover, photovoltaic panels will also be integrated to provide renewable energy to the complex.

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A Channel R Publication



# ARE YOU GETTING ENOUGH?

At Rondo, we have built our reputation on delivering much more than just the products you need. With all of our products, you get the extra protection of our complete **RONDO WARRANTY** that guarantees they will perform to specifications when installed correctly. You also get access to our expert **TECHNICAL & DESIGN SUPPORT** with detailed product and installation manuals that are recognised as the most comprehensive in the industry, as well as access to a team of Technical Design Engineers to offer free help and advice when you need it.



And if you want more hands-on experience, you can take advantage of our free **SKILLS TRAINING** programs, both online and in person. You even have the advantage of industry-leading innovations. Like our free **RONDO APP** for iPhone and iPad, that puts all the power of the Rondo Wizards at your fingertips and lets you find and order the products you need from your nearest Rondo distributor. It's a complete package. So don't settle for less. Visit [www.rondo.com.au](http://www.rondo.com.au) and see just how much more you can get.

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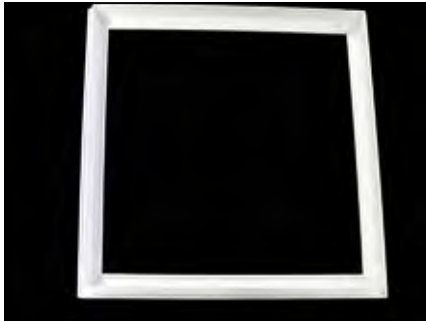
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new!

## RONDO PANTHER® ALUMINIUM MANHOLE FRAME



Rondo now offers a simple and cost effective option for basic ceiling access to above services. The brand new range of lightweight Aluminium Manhole Frames has been available from August 2012, and complements the existing range of PANTHER® Hinged Access Panels.

The sturdy Aluminium Manhole

Frame comes with pre-drilled holes for trouble-free installation. Simply cut out the appropriate hole size into the plasterboard ceiling, screw the frame into place using the pre-drilled holes and then replace the cut -out board into the frame. The self -trimming matte white frame can then be painted over effortlessly to match the ceiling finish. Perfect for residential dwellings, the Manhole Frame provides easy access to air conditioning, electrical or plumbing services, and can be used as a more economical solution where fire or acoustic ratings are not required. Rondo Aluminium Manhole Frames are now available in a range of standard sizes from 300mm<sup>2</sup> to 600mm<sup>2</sup>.

update

## TOUGH BIKE. TOUGH BEADS. EASY CHALLENGE.



Push yourself to the EXTREME... purchase AUD\$5,000 or more of Rondo EXTREME® PVC Plaster beads from any authorised distributor and reward yourself with an EXTREME mountain bike valued at AUD\$1,000 (rrp) .. The promotion applies for purchases made between March 2012 and March 2013 or while stocks last.

The steps are simple.

1) Just purchase a total of AUD\$5,000 or more of Rondo EXTREME® PVC Plaster beads from any participating authorised Rondo Distributor during the promotional

period. Keep your invoices as proof of purchase and complete an entry form at the store where the purchases were made.

2) Collect your brand new Rondo EXTREME® Mountain bike and helmet from the store within 60 working days from approval.

The motto says it all:

Tough Bike. Tough Beads. Easy Challenge... are you up for it?

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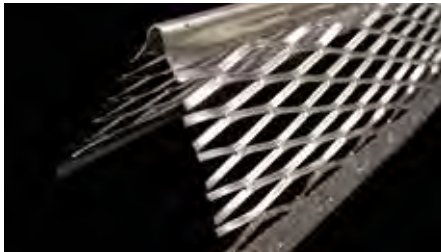
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new!

## SR02 STAINLESS STEEL RENDER BEAD: FOR CONFIDENCE OUTDOORS



When it comes to render applications, Builders want maximum confidence when using products in Australia's harsh outdoor environment. For years, Rondo has been working with contractors, metal specialists and roll forming engineers alike to create the ultimate steel corner bead solution for external cement render applications. The result is the new SR02 Stainless Steel Render Bead.

Perfectly roll-formed from 304BA Deep Draw high -polish stainless steel, the SR02 provides customers with exceptional corrosion resistance in all but the most extreme conditions, while also retaining the aesthetically pleasing and user-friendly design of the popular Rondo R02 galvanised bead for internal applications. The profile boasts a defined 2.5mm nib radius and 60mm wing length, allowing the SR02 to easily accept up to 25mm of render, and also features a rolled nailing edge strip for fast and simple installation. Most importantly, the SR02 is 100% guaranteed to perform rust -free over seven years when installed to specifications, giving contractors around Australia maximum peace of mind at the end of each and every job. And yes, we're even prepared to put it in writing with the Rondo written warranty. Limitations apply.

Visit the Rondo website to obtain your full copy of the SR02 warranty ([www.rondo.com.au](http://www.rondo.com.au)).

tech tip

## RONDO RUBBER ISOLATION HANGERS: WHI



The Rondo WHI Rubber Hanger Isolators are an effective way to reduce sound transmission through a suspended ceiling, acting as a simple buffer from the noise above. The range of WHI products have a high density rubber core which, when installed in the middle of the 5mm rod hanger assembly, are able to absorb much of the sound vibrations which would otherwise travel down the hanger.

For optimum acoustic performance, the rubber isolator needs to deflect by 3–5mm, so matching the right hanger to the weight of the ceiling is imperative. Rondo produces three grades of hangers identified by different colours: Green (lightest), Red and White (heaviest), to suit a range of ceiling configurations.

Below is a simple table to match the correct WHI hanger with the weight of the ceiling being installed.

Simply based on two different ceiling hanger grid setouts; 1200 x 1200 & 900 x 900, the maximum per square metre ceiling weight is matched to the different mount colours for premium performance.

	GRID LAYOUT (mm x mm)	
	1200 x 1200	900 x 900
WHIG (Green)	13.7kg	26.6kg
WHIR (Red)	22.0kg	41.4kg
WHIW (White)	30.3kg	56.3kg

### NOTES:

Table based on serviceability load combination

$G + U$  where  $G$  = Total dead weight of the ceiling linings and  $U = 3\text{kg/m}^2$  as per AS/NZS 2785 Suspended Ceilings—Design and installation.

We have not considered any wind or differential pressures for the tabulated results, i.e. the specified load is the weight of the linings only.

## CONTRACTOR PROFILE: TRIPLE M

Triple M, a family company established by Peter Meadows in 1986 has worked alongside Rondo since they opened over twenty years ago. The Australian-based company puts a lot of focus into commercial/ industrial projects as well as plasterboard fitouts for the shop fitting industry.

Using Rondo as a consultant for frequent technical support, Triple M takes full advantage of the Rondo facilities (Wizards) provided via the website to work out material quantities, which then allows them to place an order quickly and easily –meeting the agreed schedule times.

## ENVIRONMENT: COPING WITH THE CARBON TAX

July 1 2012 saw the implementation of the much talked about Carbon Tax. Whilst it has been said that only the top carbon-emitting companies and organisations are affected by the \$23 tax per tonne of carbon produced, small businesses will be indirectly impacted and are already feeling the pinch – with many businesses seeing their electricity more than double per kilowatt of power.

Although Treasury estimates indicate that small businesses will see an increase of about 10% through the general operation costs of their business (electricity, gas, etc), it is important to take into consideration some methods that can assist in combating the inevitable increase in cost.

To help you, Rondo has compiled a few simple ways to help beat the carbon tax and lower your overall energy usage in your workplace.

### 1. Renegotiate your energy contract

As mentioned, there is no doubt that energy prices are going to or have already risen, but you can use it to leverage a new contract with your energy suppliers. It may seem negligible, but a 5% discount, for your business provides a buffer and some cost relief in the long run.

### 2. Don't accept Carbon price increases from suppliers without substantiation

Suppliers across Australia are attempting to increase their prices to absorb the carbon tax that is affecting them. If you are hit with an increase, do not be afraid to ask your supplier to substantiate the cost. The Australian Competition and Consumer Commission will investigate if something is amiss.

### 3. Get some contracts in place

Setting up contracts with regular suppliers should be considered. This establishes a good relationship and security, allowing some buffer to prepare for price increases.

### 4. Get more efficient

The amount of money you could save your business by applying some simple energy-efficient tactics to your workplace is exceptional. It can start with simply switching your light bulbs to the 3-10 times more efficient fluorescent/LED bulbs instead of the energy-sapping halogen/incandescent bulbs. We suggest replacing your computer monitors & desktops that use less power, and taking measures not to overload the staff fridge which increases its energy use. Visit <http://www.goswitch.com.au/residential/energy-saving-tips/> for some energy efficient tips that you can use for your business.

### 5. Introduce some standardised company policies

There are plenty of savings within your business if you look hard. However, this may result in introducing new or more stringent usage guidelines. For example, many operations leave their computers on overnight, draining unnecessary power. Try encouraging staff to turn them off every night or create a policy for turning electrical equipment off when not in use. Monitor air-conditioning usage or switch off the showroom TV are some of the other ways to help cut electricity costs.

### 6. Investigate government assistance

There is a lot of assistance from the federal and state governments associated with energy savings. For instance, businesses using up to \$20,000 in electricity per year or that have up to 10 employees can get a 50% rebate on an energy assessment plan to introduce efficiency for operations in numerous areas such as heating, ventilation, air conditioners or insulation. Finally, remember that every product you see in the shops has needed energy, water and material resources to be produced and has a carbon cost. We can cut our eco-footprints, save money and avoid some of the carbon tax by simply buying and wasting less 'stuff'.

## JOIN US ON FACEBOOK



Social media has changed the way people communicate on a day-to-day basis. What used to be a phone call that lasted five minutes is now an instant Facebook message that has a response virtually as soon as it is being posted.

With over half of the Australian and New Zealand population now on Facebook, it is fair to say that social media is fast becoming the world leader in instant communication.

And that is not just between friends and family, but serves as a key tool for businesses that are looking to reach out to their customers directly and more importantly – instantly.

Rondo has recently launched our own Facebook page, where friends of Rondo can expect to receive exclusive sneak peeks for upcoming products, tips on system/product installation, interesting facts, current news, fun competitions and prizes... just to name a few.

You can post on our wall to say a friendly hello, give us your feedback on our products and services – you can even contribute to our Eye for Innovation program and submit your ideas to us.

Visit [www.facebook.com/RondoBuildingServices](http://www.facebook.com/RondoBuildingServices) and start following us today – as they say, there's no time like the present.

## PROJECT NEWS: C2 ESPLANADE DARWIN, NT

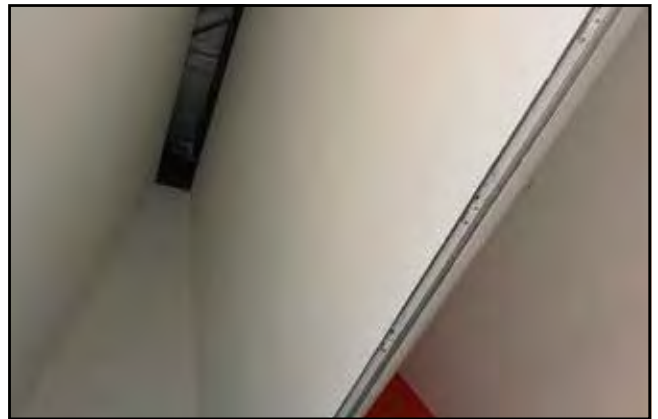


Darwin is now home to a state-of-the-art multimillion dollar serviced apartment complex known as the C2 Esplanade. The property developed by Halikos Group features 120 modern one, two and three bedroom apartments and is situated on the edge of the harbour, offering guests a perfect central Darwin location.

Rondo incorporated Steel Stud and Track, specifically 64mm track sections along with KEY-LOCK® Suspended ceiling systems to perfect the final look of the complex. Additionally, Rondo supplied Shaftwall for all lift and service ducts, BETAFIX® Clips and KEY-LOCK® Furring Channel onto concrete tilt-up walls, as well as PANTHER® Access Panels throughout the structure.

The building contractors concluded construction in April 2012 and are currently taking bookings for those who dream of luxury living in the picturesque Northern state.

## PROJECT NEWS: BALDIVIS SENIOR HIGH SCHOOL WA



Baldivis Senior High School (BSHS) has one goal in mind, to see the students of Rockingham excel and shine academically by utilising state-of-the-art facilities and surroundings. Designed by award-winning architects JCY, the high school construction is an example of the leading educational facilities expected to develop throughout the western state over the next few years.

Rondo provided technical design specifications for the development and execution of a Saw Tooth ceiling that is featured in the main areas of the school building. BSHS will feature Rondo's popular KEY-LOCK® Suspended Ceiling System, Steel Stud and Track, and EXANGLE® products throughout the internal building frame.

Furthermore, the high school has incorporated a number of unique design features, such as the unique chequer plate pattern formed in the concrete panels of the main external walls and repeated throughout the interlinking walkways, canopies and staircase balustrades.

The \$44 million dollar project is slated for completion in late 2012 and will quickly become an iconic high school propelling the growing Baldivis community into the future.

project

## PROJECT NEWS: COLLINS SQUARE VICTORIA



Collins Square is situated in the heart of Victoria's Docklands and integrates five buildings to become Australia's largest commercial mixed use development. The highly rated 5 Green Star and NABERS buildings are situated on an entire city block, covering 190m of the Collins Street frontage, effectively changing the face of the Melbourne CBD. Rondo's main focus has been to complete 17 levels of one of the five office towers, of which two levels are for shops and a café. With the majority of the 70,000 lineal metres of product being Rondo DUO® Exposed Grid System, Rondo continues to provide technical support for the project through weekly site visits. Expoconti is working alongside leading architects Bates and Smart to develop over 185,000sqm of commercial space. Space at Collins Square is highly coveted with over 40% of the development already leased to major tenants including Marsh Mercer Companies, The Australian Tax Office and the Pearson Group. The official opening of the commercial space is targeted for December 2012. Once completed, the 1.3 billion dollar project can expect over 48,000 people to visit Collins Square on a daily basis. Visitors to this establishment are guaranteed a unique retail and commercial experience for what is quickly becoming the pinnacle of all future business district developments.

project

## PROJECT NEWS: CLYDE QUAY WHARF WELLINGTON, NZ



Situated in the heart of Wellington's picturesque harbour, Clyde Quay Wharf Apartments clearly sets a new benchmark for modern, timeless living. The building is long, low and elegantly appointed as a single finger wharf structure; however the unique building is broken up into three sections, each displaying a subtle difference in design and character.

The concept behind the exquisite design was to encapsulate the transition of experience as one moves through the wharf.

The city end of the wharf captures the waterfront promenade and Clyde Quay Boat Harbour, following onto the Chaffers Marina and Oriental Bay in the central section, and lastly out to the spectacular open harbour situated at northern end of the wharf.

Rondo will feature throughout the building utilising the popular KEY-LOCK® Suspended Ceiling System, as well as Steel Stud and Track.

When gazing out of the large open windows from the magnificent structures, the views of the city skyline and rolling hills are exceptional.

Clyde Quay Wharf residents are undoubtedly treated to the best of both worlds with the epitome of urban living and coveted waterfront lifestyle.

## THE REAL DEAL ON STEEL

With the high Aussie dollar seeing more and more imported products enter our country, contractors now have local access to light gauge steel products from a range of offshore manufacturers. The risk this creates for the building trade is the absence of knowledge on how these products have been tested and whether or not they comply with Australian Standards. Many trade professionals are using what appear to be adequate products in good faith that the manufacturer has met the minimal quality requirements for their application, however this is not always a given, and some Builders may ultimately be left responsible for inadequate or non-compliant installations without realising their products were not up to spec.

A good tradesperson wants certainty that all his materials are fit for purpose and comply with Australian Building Codes, but when it comes to products like steel which often look the same despite their differing qualities, how is the average tradesperson or builder to know the difference? There are a range of things to look out for, but this article will focus on some key areas which will have the biggest impact on steel performance. The first is how long the product will last in its environment; more specifically the level of corrosion resistance. The second is the product's mechanical properties, and whether the product can perform the task at hand. Finally, for complete peace of mind, there is no going past a reliable written warranty which guarantees the quality and consistency of the products you use.

### RESISTING RUST

The reality is that all materials eventually deteriorate over time; however the speed of this deterioration will of course depend on variables such as the environment and the product properties. The most common sign of steel deteriorating is rust, and no one wants rust in their building.

Metallic coatings are applied to protect most steel products from rust. Below are two common coatings used for building products:

1. Hot dipped zinc/aluminium coating used for steel roofing, wall sheeting, rain water goods etc
2. Hot dipped zinc (galvanized) coating, commonly used for structural steel purlins, steel stud and track sections, steel internal and external corner beads, and steel suspended ceiling components.

Galvanized and Zinc/Aluminium steel coatings are part of the "active" group of coatings, meaning the coating is designed as a sacrificial barrier to prevent corrosion of the steel substrate. The coating class can be defined

by the grams of coverage per square metre of total surface area of the product. So, AZ150 refers to an Aluminium/Zinc coating of 150 grams per m<sup>2</sup>, and Z275 refers to a Zinc coating of 275 grams per m<sup>2</sup>.

The Building Code of Australia (BCA) generally requires products and systems to be 'fit for purpose' but it does specify a minimum protective coating for the intended design purpose in Volume 2 of the Code dealing with Class 1 and 10 buildings (Housing Provisions).

The BCA Volume 2 (section 3.4.2.2) states that a minimum steel coating of Z275 or AZ150 is to be used for protection of the steel frame; when

- Within the building envelope in locations more than 300 mtrs from breaking surf, and
- When outside of the building envelope in locations more than 1 km from salt water not subject to breaking surf, or
- More than 10 km from a coastal area with breaking surf.

Volume 1 of the BCA covers virtually all commercial building types such as hotels, schools, hospitals, restaurants, car parks, and office buildings. This volume is less specific with coating requirements, but does refer to the need to produce "Evidence of Suitability" in respect to any material used for construction.

The important thing to remember when determining suitability for design is that the life of a zinc coating is directly proportional to its thickness. The zinc will continue to sacrifice itself in order to protect its base metal, so the more zinc, the longer the product will last.

***It's important to remember that zinc is up to twice the cost of steel, and so by reducing the zinc coating thickness, the product becomes considerably cheaper to make without necessarily looking any different, making it almost impossible for the layman to differentiate.*** In fact some of these products even appear higher in quality when the manufacturer has compensated for a reduced coating thickness with an increased base metal thickness which makes the product stronger, but less corrosive resistant. As a general rule of thumb, it's safe to say you will often get what you pay for.

### ***What to look out for:***

- Look for spangle (glitter or shine) on the surface of the product, indicating it has a metallic coating, although this won't indicate how much coating is applied.
- Check the labelling on product or packaging, material specifications, or certification



- Beware of ZnO (Zinc Oxide), or 'white rust' forming, this means the zinc coating is already starting to sacrifice itself, and may lead to the formation of red rust; and
- Avoid products with surface damage such as deep gouges which have penetrated the surface coating, as well as any Zinc peel or flaking

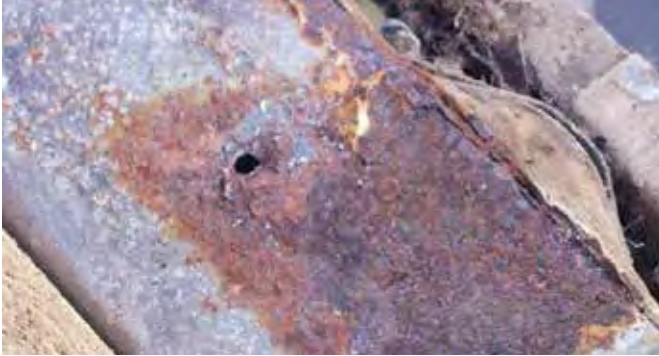


Figure 1: An example of a product with inadequate corrosion resistance for its intended design.

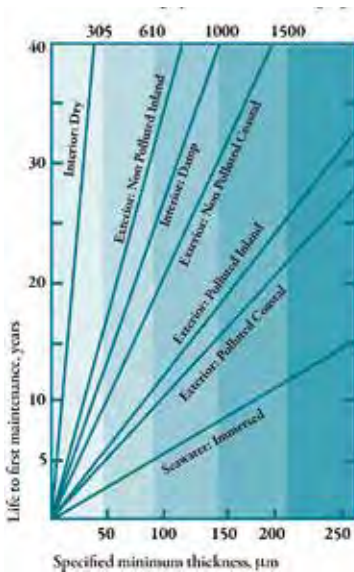


Figure 2: Mass loss data for Galvanised steel as described in British Standard 5493-1977 section 2, over 40 years in various exposures.

## MECHANICAL PROPERTIES

A builder wants to walk away from each job knowing that his installation, and his reputation, remains intact. This means using products that physically perform the task required. When it comes to the mechanical properties of drywall steel framing, two things to look out for are the guaranteed minimum yield strength, and the base metal thickness (BMT). Yield strength is the point to which the steel can be stressed before it deforms permanently. Most manufacturers will have this clearly marked on the product with the letter "G" followed by a number. Yield strength is expressed in MegaPascals (MPa) and

the higher the number the greater the structural strength. For example: G250 is a structural grade with a minimum yield strength of 250 MPa.

BMT refers to the thickness of the sheet steel prior to adding the corrosive protection. The Australian Standard (AS/NZS 1365) often refers to minimum BMT to meet differing design purposes. Material grade or thickness can have a dramatic effect on performance. For instance, thinner gauge materials will have less strength, less span, and also be more susceptible to screw pull-out.

Often the BMT will be less than expected due to its coating. For example, a 0.50mm BMT product with a Z275 coating is approximately 8% thicker than an uncoated equivalent, and has a Total Coated Thickness (TCT) of 0.54mm. The table below gives some examples of how TCT can vary with coating thickness.

ZINC COATED STEEL		
Approx TCT (mm)	Coating Class	Base Thickness (mm)
0.39	Z275	0.35
0.46	Z275	0.42
0.54	Z275	0.50
0.59	Z275	0.55
0.67	Z450	0.60
0.69	Z600	0.60

Figure 3 Ref: BSL TB-14

### What to look out for:

- Most manufactured drywall products have a clear marking stating both Grade and B.M.T. If not, look for this on their labelling, packaging or ask the manufacturer for their specifications.
- Be cautious with cheap prices as it may be an indicator of lower gauge, grade, or zinc coating. Know exactly what you are getting and what you require for the job.
- Ensure you are buying from a manufacturer with a good reputation who can supply you with a comprehensive written warranty

### Quality and Consistency, Guaranteed

You simply can't go past quality and consistency. Know that the manufacturer you purchase from has a robust quality control system such as ISO9001 or equivalent, and regularly tests the performance of their products to meet their exact specifications. This should be backed up with a quality guarantee, in writing.

Lastly, avoid mixing systems at all costs. This is critical not only for maintaining your system warranty, but also for safety. Not all products are manufactured to the same specifications and this can mean inconsistencies when swapping products. This is especially important when it comes to suspended ceilings, where system collapse could lead to a devastating outcome.

## RONDO SKILLS TRAINING: TAKING IT TO THE NEXT LEVEL

As Maya Angelou once said *"When you know better, you do better"*.

That's why Rondo SKILLS Level 1 was just the beginning. Over 400 customers and staff have now participated in the first of our free Rondo training programs – each individual gaining a new set of skills and understanding when it comes to applying Rondo product, but they were just getting started.

## RONDO Skills<sup>2</sup>

Our new, FREE Level 2 SKILLS training will teach users even more. The program was launched in September this year and is specifically designed to build on the knowledge that many customers would have gained through the successful SKILLS 1 course, improving their practical skills even further.

Run by Rondo's National Product Trainer, John Piepers, SKILLS 2 will give participants an even greater understanding of Rondo's products and systems so they can more effectively handle customer enquiries and sales. The one day course is derived from practical training methods, providing an opportunity to gain hands-on experience.



### WHAT YOU WILL LEARN

On completion of Rondo SKILLS 2, participants will know how to:

- Install a Steel Stud small partition wall with a window
- Install a KEY-LOCK® Suspended Ceiling System
- Install an EXANGLE® P01 bead using compound
- Install a DUO® Exposed Ceiling System
- Install a Rondo Sound Rated Access Panel
- 'Square' a room
- Choose the most economical system design from Rondo load tables
- Understand common terminology and the advantages of each system

### WHAT YOU WILL RECEIVE



Each course participant will receive Rondo product guides and instruction sheets, a Rondo SKILLS pad and pen, safety gear, lunch/refreshments and a Rondo SKILLS 2 certificate of completion. SKILLS Training Modules 1 and 2 will run throughout 2013, along with our online training option, "Rondo Learning Online".

Speak to your local Rondo branch to coordinate your next free training session at Rondo.

## BEWARE OF INFERIOR COPIES

Looking the same doesn't make it the same. Although some inferior copies may look identical, only Rondo metal render finishing beads come with a comprehensive Rondo Warranty that guarantees the quality of the protective coating used and ensures the beads are fit for purpose, whether installed internally or externally.

A cheap copy may even feel sturdy, but that is usually only due to the extra thickness of the metal used at the expense of a thinner surface coating, and it is the coating that provides the protection.

### RONDO EXANGLE® RENDER AND TEXTURE FINISHING SECTIONS:

Rondo interior corner bead products (R01, R02) have a Zinc coating known as Z275 (the equivalent of 275gms of Zinc per surface square metre of steel). This coating provides protection to the bead when installed indoors in dry conditions and is the industry standard for all internal steel wall framing components.

### EXTERIOR FINISHING BEADS:

The exterior texture coat finishes a zinc coating of Z450 is applied to Rondo EP32 Corner Bead\* and a zinc coating of Z200 is applied to Rondo EP17, EP50 and ER11 Stopping Beads. All of which are additionally protected by powder coating after manufacture. This is why Rondo confidently guarantees the performance of all of their beads. So why risk it?

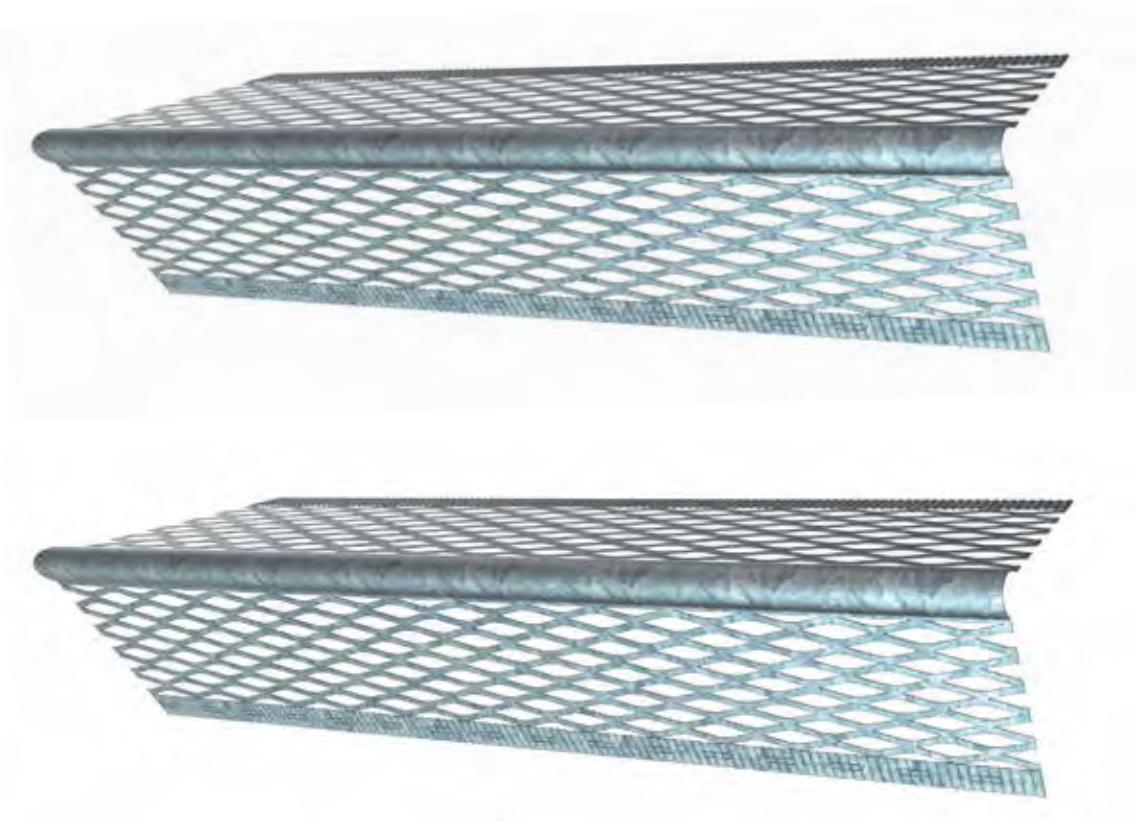
### WHAT CAN YOU DO?

If you're a contractor, just ask for a copy of the Rondo Warranty where you buy your finishing beads. If you're a builder, protect yourself and your client and ask to see your contractor's copy of the guarantee.

The Rondo Warranty is the only way to make sure you are getting the real thing. Visit the Rondo website at [www.rondo.com.au](http://www.rondo.com.au) to obtain all information.



\*EP32 is ONLY suitable for "Blue Board" applications and is not to be used with cement render.



# ONE OF THESE IS AN INFERIOR COPY. THE OTHER COMES WITH A FULL RONDO WRITTEN WARRANTY.

Although some render finishing beads may look the same, they really are not.

Only Rondo metal finishing beads come with a full written Rondo warranty that guarantees the quality of the surface coatings used, to ensure the beads have an appropriate protection for their intended purpose. So why risk it?

If you're a contractor, just ask for a copy of the Rondo Warranty where you buy your finishing beads.

If you're a builder, protect yourself and your client and ask to see your contractor's copy of the guarantee. After all, looks can be deceiving.

The Rondo Warranty is the only way to make sure you are getting the real thing.

*why compromise?*

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