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WELCOME

DREW SPIDEN
GENERAL MANAGER
MONIER ROOFING

Like many Australians, I am a big fan of *The Block* – partly because I feel it brings the joy and inspiration of home building and renovation to a wider audience. There are millions of the show's fans that can testify to this!

Despite some of the on-screen dramatics, building a new home, or doing a major renovation is similar to the experience of the contestants on *The Block*. Essentially, it comes down to good quality materials, expert tradespeople and great advice.

At Monier, we know that stylish solutions, clever building techniques and innovative products will inspire our customers.

Monier is proud to be involved in this season of *The Block* and in this magazine we will be sharing a special behind-the-scenes look at what really goes on. *The Block's* architect, Julian Brenchley, shares some secrets about the project and why he thinks our new Elemental™ product is the best roofing material around. Julian was full of praise for Elemental™ – he loves its contemporary good looks, and its ease of use. Take a look at our article on page 6 for the inside story.

However, renovating is not just about television. Our story on page 16 gives you some tips and tricks on what you need to know before you start a building project, plus our look at the copper trend will show you why it's now moving to exteriors. Copper tiles anyone?

It seems that protecting the people that you love is about to get a whole lot more glamorous...

#MonierStrongAndBeautiful

EDITOR LYNNE TESTONI
COVER PHOTOGRAPHY HYATT AND ASSOCIATES
MAGAZINE DESIGN RED ROBYN DESIGN

THE JARGON

Keep

cool during summer months



WANT YOUR
NEW HOME TO
WORK FOR YOU?
HERE'S WHAT YOU
NEED TO KNOW
ABOUT ENERGY
EFFICIENCY

nergy efficiency has long
been put in the "great idea, but..."
basket when building a house.
Sure, we'd all like to be a bit more ecoconscious, but when it comes down to it, sometimes choosing eco-friendly materials gets all a bit hard and ends up being pushed down in our list of priorities

And, with so much jargon around – words such as insulation factors, sarking, and various heat scales – it's tricky to get your head around the subject when you are building or renovating. Here's a run-down of the essentials:

Roof sarking is a membrane positioned under your tiles during installation of the roof. It is rolled out in sections with an overlap between each layer and provides a number of key benefits:

- Reflective foil roof sarking shields the home from up to 97 per cent of radiant heat (from the sun) when combined with an air-space, helping to provide a more energy-efficient and comfortable home
- Some roof sarking allows the escape of water vapour from the warm interior during colder months to reduce the risk of condensation, which can lead to unseen mould growth behind internal linings. By reducing condensation and eliminating the harmful effects of mould, you create a healthier environment for your family
- Sarking limits air infiltration and dust entering the home through gaps around down-lights and vents
- While not mandatory, it's considered best practice to sark your roof to ensure a healthier and more energyefficient home

This is a term often mentioned by architects, roofers and builders. Roofs provide a "thermal barrier" – protecting your home from not just the physical weather such as rain and wind, but also the transfer of heat in and out of the home. How effective your home is at providing that thermal barrier is due to the R-value of the insulation and roofing materials.

R-Value measures insulation and roofing material's ability to block heat, or its resistance to heat flow.

In Australia, new homes are required to have a certain level of insulation in order to meet government regulations.

Building designer Dick Clarke of Envirotecture (envirotecture.com.au), says he likes to increase layers of insulation to achieve higher R-Values and thus make a home more efficient in heating and cooling. Each level of insulation – from roof tiles to sarking and insulation batts – adds to the R-Value.

"In Sydney you need a total R-Value across the whole roof and ceiling construction of something greater than R6," he says. "R8 is really good."

The more insulation you install (and the thicker it is), the more efficient your house will be. A builder or roofer would be able to tell you what R-Value you will need for a home in your area.

HOUSE RIENTATION

Not everything related to energy efficiency for a new home comes back to building products. House orientation is another important factor. The position of the building in relation to the sun and wind patterns can make your home a more comfortable and energy-efficient place to live.

Factors such as climate zone, breeze patterns, latitude and natural shading all have a massive impact on how it feels to live in your house, and if you are able to change the angle of your house on your block, it can make a big difference.

This type of thinking is often called passive design, because the way the house is positioned and the direction it faces will play a big part in how efficient it is with its consumption of energy – how cool it is in summer and how warm it is in winter.

Designer James Cooper of Sanctum Design (sanctumdesign.com.au) specialises in energy-efficient homes and says that his customers often see eco-friendly credentials as a bonus, rather than a must-have.

However, once they see a well-designed house, this view often changes.

"I must say that energy-efficiency is not high on most of our client's lists," he says. "However, when we apply good principles and energy-efficient design, such as passive solar design, they really do appreciate it."

NSULATION

Clarke says that even simple decisions will make a difference when building a house – additions such as double glazing, or extra roof insulation. Indeed, he says that the roof construction and glazing are the two most important factors to look at when building an energy-efficient house.

He stresses that added layers of insulation is key to keeping homes cool in summer, warm in winter. It starts with the sarking, then it's about building layers from there.

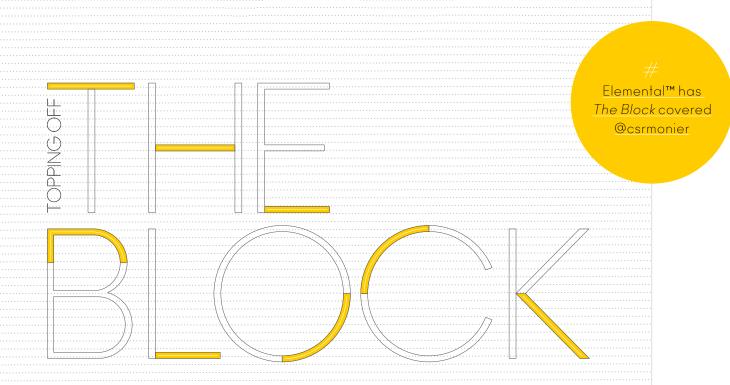
In his design projects, he backs up the sarking with another layer of double-sided foil in the roof cavity for added insulation, along with the more traditional ceiling insulation batts. This extra layer provides even more protection from the outside elements. Any additional cost in this process is then offset by the associated savings in future heating and cooling expenses.

He also chooses the layer of insulation with the highest R-Value possible in the ceiling cavity.

Good insulation – in the roof and the walls – will also help with noise reduction, as will the use of tiles, which are much better at managing noise than metal sheeting. If noise is an issue with you, such as if you live on a busy road or under a flight path, talk to your builder about acoustic insulation.

INSULATION CAN
REDUCE YOUR
ENERGY BILLS
FOR HEATING
AND COOLING
BY UP TO 45%.*





It's a fast-paced atmosphere both on camera and behind the scenes at *The Block*.

Architect Julian Brenchley shares why Monier's new Elemental™ roofing system is the secret to the success of the project



It's organised chaos on the set of Australia's most famous building site – *The Block*, this year located in the upmarket suburb of Elsternwick, Victoria. Five teams of contestants, countless tradespeople as well as camera crews, traffic wardens, plus curious neighbours, are milling around.

As any renovator or builder will know, things don't always go as planned when it comes to constructing your dream house. Luckily, for most of us, these disasters are not recorded on camera. Not so for this year's contestants – an eclectic mix of novices, tradies and seasoned renovators.

There's drama at every turn.

This year, *The Block* centres on five rescued weatherboard homes – uprooted from all over the state to be renewed in front of the cameras and then added to in the form of spectacular and imposing two-storey modern additions, which are topped off with sleek roofing courtesy of Monier's new Elemental™ series.

As host Scott Cam says – this time *The Block* is doing a whole street!

SPONSORS LIKE
MONIER STEP IN
BECAUSE THEY HAVE
ENOUGH SCALE TO
BE ABLE TO PROVIDE
THE MATERIALS AT
SHORT NOTICE

It's a challenge, but luckily lead architect Julian Brenchley is across it all. Brenchley has been the architect behind the scenes at *The Block* from day one – from 2002, in fact. Brenchley is part of the team that sources the houses, designs the exteriors and deals with all the necessary planning permits along the way.

He's really the show's best kept secret.

- "I am the architect behind the scenes," he says.
 "I don't get involved with the interiors at all, which is probably a good thing. That's their [the contestants] bag really. The outside is my domain. I work on all the architecture and the approvals for the houses. Sourcing the houses, making sure the design works; that's where I kind of step in."
- "We really are in the background of the show," he says, adding that there are a fair few dramas behind the camera as well as in front.
- "Some would say there is a show in the background," he says, laughing. "That's the stress we have to deal with. But it is what it is and we have got it approved. It's great fun even if it's stressful."

What makes working on *The Block* so stressful is the extreme time constraints, says Brenchley, much more intense than regular building projects.

"In a nutshell, that's the show. Everything is critical, quality, cost, and equally so is the time we have for the build," he says. "There are challenges with availability, but that's where some of these sponsors like Monier step in because they have enough scale to be able to provide the materials at short notice. That's good for Scott Cam and the team."







ABOVE Pastel reigns supreme in Hannah and Clint's master suite The two-storey additions have an industrial-style feel to their styling – right on trend, and one that suits Elemental™ beautifully. The dark brickwork and upper-storey cladding complement the slate look of the roofing materials, helping to produce a cohesive aesthetic that won't look out of place in the neighbourhood.

And that's the sort of design details that count when it comes to selling the houses at the end of the series.

"It's a really smart solution and it suits the calibre of the area," says Brenchley. "There are a lot of slate roofs there; it's that sort of language and that's why we went for Elemental."" THE CONTEMPORARY
DESIGN WAS A
PERFECT FIT WITH
THE INDUSTRIAL LOOK
HE WANTED

He adds that the ease of installation was a big plus for *The Block's* tradie team. "Elemental™ is a quick install," he says. "It's really important... well, it's important on any site of course, but for us it's vital. It's a low-tech install, even though it's a very high-tech product."

Brenchley says that the Elemental™ product looks great too, which is important in a prestige suburb such as Elsternwick.

Because, despite the seeming glamour of the television series, it all comes down to the local real estate market. At the end of the day, says Brenchley, to win *The Block* depends on each contestant being able to sell the properties for a good profit.

"The show is about being able to sell these places for the best possible price. That's what it comes down to. That's how you win, so really it's about finding the product that suits the architecture of course, the timeframe and then the end product – so what it looks like."

However, while the sophisticated look of Elemental™ is "a really good part of the story", Brenchley is full of praise for the way Monier has organised the product from installation right through to the final appearance.

"They have thought through Elemental™ and the install to make it easy," he says. "The clipping systems, the flashing system, how it works with other trades – such as the plumbing trade for the downpipes and the gutters. The actual product itself lends itself really well to being integrated with other building trades. It's been very well thought out, the integration process."

BELOW

The new roofs under construction





BRENCHLEY IS
FULL OF PRAISE
FOR THE WAY
MONIER HAS
ORGANISED THE
PRODUCT FROM
INSTALLATION
RIGHT THROUGH
TO THE FINAL
APPEARANCE



. Madison concrete tile



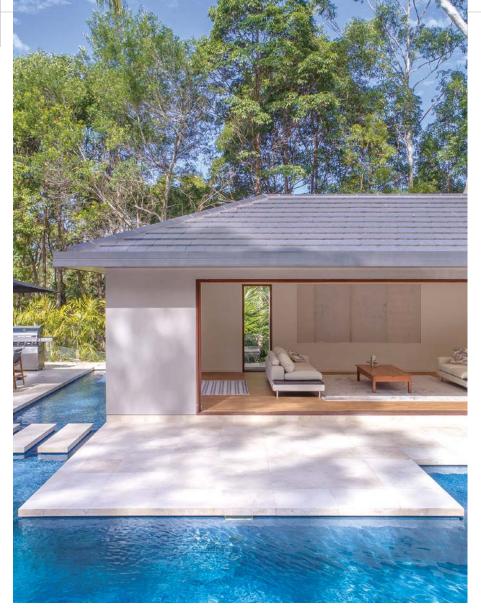
from the elements.

The Balinese-style five-bedroom home, complete with pool cabana and separate pavilion, was a large project, taking 2½ years to finish and boasting a generous 370

pool cabana and separate pavilion, was a large project, taking 2½ years to finish and boasting a generous 370 square metres. Designed to take advantage of the moderate Noosa climate with airy open-plan living and a pool, it has become a relaxed sanctuary for Craig and his wife Jane.

The family has lived in the area for five years, and owned the land for two years before construction started on the house. "It's a beautiful spot," says Craig.

The pool was constructed first, then the house, the pool cabana, then the pavilion, finally followed by the garages.



The house was an entrant in the prestigious Robin Dods Roof Tile Excellence Awards for 2017, winning accolades from the architectural and building community.

Critical to the look and feel of the home was an impressive series of Monier tiled roofs on all the linked buildings, echoing the Asian feel and complementing the rendered exterior.

Craig and Jane were the designers and decision makers in the project. Craig chose the Madison concrete tile in Soho Night and couldn't be happier with the decision, feeling the shingle-style and minimalist look of Madison provided the tropical look he wanted to capture.

The sophisticated clean lines of the tile also helped to blend the many roofs of the property into one cohesive unit. "I prefer a slate look to Colorbond™ roofs," Craig says. "We also loved the smooth profile that Monier offered rather than the rough textured finish that dominates the roof tile market."

"I think the tiles add sophistication to the home," he adds. "They also make the roof more prominent and dramatic and the series of roofs help to establish a resort feel that we are trying to create on the property."

The house and associated buildings sit on 30 acres and are located in a prestige area of Noosa. Craig wanted to make sure the roofing materials would be suitable for any prospective buyers down the track.

"We felt that the tile offered a more upmarket look for our acreage," Craig says.

As for the colour, he adds that the decision was a considered one as well.

Critical to the look and feel of the home was an impressive series of Monier tiled roofs on all the linked buildings, echoing the Asian feel and complementing the rendered exterior

"We wanted the home to stand out but also sit well amongst the landscape," he says. "We have used a series of render, timber and stone materials throughout the property and felt that the dark roof helped to complement and highlight and contrast the other materials used."

So, as a retired builder, is he the perfect client, or too particular? He laughs.

"I got someone else to do the house and I just did the other bits," he says. "I am particular, but as long as everyone does the right thing, everything's good. With this project, everything went smoothly and all worked out well."

LEFT

The pool pavilion echoes a Balinese feel

BELOW

The home is set in the Noosa hinterland



Colours have been reproduced as faithfully as possible, however, actual colours may vary due to the printing process. We urge all customers to view tiles on display before making your decision.

#INDU-STRIAL AGE



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Celebrate a
look that reflects
the glory of trades
and artisans
gone by, with the
use of authentic
materials and
rustic charm

FROM LEFT Artwork by Guy Mathews, guymathewsindustrial.com

Glass specimen bottle in Amber, \$14.95, from Freedom, freedom.com.au

'Copine' chair, \$550, from Weylandts, weylandts.com.au





ABOVE Bastod Metal and Timber Pendant Light in Black, from Schots Home Emporium, schots.com.au

It was inevitable really. As Australia's inner suburbs have undergone gentrification, it has signalled the departure of their accompanying small industries.

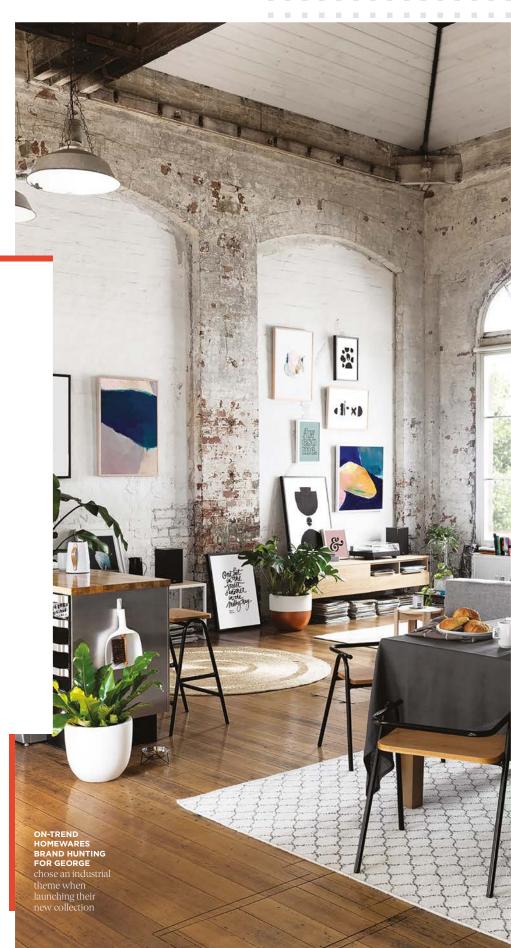
With consumers demanding more homes close to city centres, companies with factories in those areas are finding they can sell their buildings for a good profit and move their business further out, closer to their workforce.

In the last few years, many of these small companies – former printing factories, button manufacturers or toolmakers everywhere from Marrickville and Tempe in Sydney, to Fitzroy and St Kilda in Melbourne – have left the inner suburbs, leaving behind premises that have become instantly in-demand.

Welcome to the industrial look. Exposed brick walls, copper piping and concrete floors are the key elements of this style, now topped off by either slate-look roof tiles or terracotta.

One of the style's biggest fans is Guy Mathews (guymathewsindustrial.com). He has been selling industrial antiques and collectibles for about 30 years now, breathing new life into foremen's desks, old work benches, factory clocks and vintage signs.

He says the attraction for him is all about the social history these items represent. He revels in the authenticity of vintage industrial items. He loves the smell of an old work bench, or the patina in a metal cabinet.



Mathews has seen industrial-style interiors go in and out of fashion, but he's weathered the ups and downs and continues to have many clients returning over the years.

"I have adapted, as have my clients," he says. "I will get people who will want signature pieces in their decorating scheme – it might just be one thing and the older the better."

The key to the style is the fact that the base materials celebrate their humble origins. Bricks, timber and tile are exposed in their unadorned form and are often used as features, or one-off statements. These signature pieces can take many forms – old metal chairs or cabinets turned kitchen cupboards, work benches now adapted to be kitchen islands – each can be worked into modern design schemes.

And for those looking to create an industrial look for their exteriors, Monier has a wide variety of black smooth-profile tiles, including the new Elemental™ range (see the article on *The Block* p6).

BELOW E19 Iron Eighteen Door Locker, \$1197, from The Industrial Revolution, theindustrialrevolution.com.au



Exposed **brick walls**, **copper piping** and concrete floors are the key elements of this style, now topped off by either **slate-look** roof tiles or **terracotta**.

The style is not just confined to furniture. Architect Philip Harmer created an industrial-style building in inner-city Melbourne situated behind a warehouse. A new build, the façade has a feature wall of mixed terracotta roof tiles and bricks, thus complementing the industrial nature of the suburb around it.

"The tiles by nature have a handmade looking quality to them," says Harmer. "They have got a nice texture to them."

Harmer adds that the use of tiles on the front allowed the new building to blend into its surroundings. Located in a heritage area, the local council was "very fussy" about the materials and colours used and the combination of bricks and tiles in the same palette, "worked well in the area", says Harmer.

"Terracotta roof tiles are not only made of the same materials as bricks, but the colours in the tiles match with the colours of the bricks."

"It settled in that little street really beautifully," he adds. "You don't really see it until you are on top of it. Because it's a tiny street, it makes it a beautiful statement. Before it was just a horrible back fence and this house has actually added to the streetscape enormously because there is a row of terraces next door."

Harmer's project has been widely commended and celebrated, including winning the 2016 Robin Dods prize at the Think Brick awards. It seems that industrial style is back in fashion again.



Be IDIPEDAIPE

What you should know before talking to a builder about a new home or renovation



You really need to be clear about what you can afford before you start any major work.

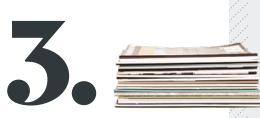
There is nothing more disappointing – and, ultimately, expensive – than planning a dream bathroom, extension or even a small update and then discovering that you can't afford what you want. Talk to your bank or lending authority before you start so you can be realistic about your plans.

If budget is an issue, then you can make some decisions – sometimes you can save on fixtures or fittings ("do you really need those French doors?"), sometimes you can reduce the scale of the project. Some homeowners decide to stage their renovations and improvements when budget is an issue – you can always add another bathroom or bedroom later on down the track when finances improve.

YOUR LOCAL AREA

Take a walk around your local neighbourhood before you start planning.

It is important not to over-capitalise, or build something out of keeping with its surroundings. Sure, you might want a tiny architectural gem, but if your neighbours are all building four/five bedroom McMansions with two living areas and double garages, you will struggle to get council approval and, ultimately, have difficulty selling the finished property if you want to move on down the track.



YOUR STYLE

Not sure of what you want? Start searching the internet or magazines for homes and rooms you like.

Pinterest is also a great source of inspiration. Copy, tear out, or pin your favourites and pretty soon you will notice a trend and a uniting factor to help you understand what you are looking for in your new home.

Sometimes it's about a colour palette, sometimes it's the style of home you like. Walk around your neighbourhood and take photos of homes you admire. Visit project home villages and open houses of homes for sale locally. Architects and building companies often have websites with examples of some of their work, which might also inspire you.

The Monier website (monier.com.au) is also a great source of inspiration and ideas. Take a look at our gallery of homes and roofing styles, which will help to give you ideas of what style of roof would suit your aesthetic. Black slimline roofs are still incredibly popular, but take a look at some of the other options too – you will be surprised by the variety on offer.



YOUR WISH-LIST

This is where you can dream a little. Think about how you and your family would like to live in the future.

If you can't afford everything you have dreamt about, you might be able to make provision for a renovation in the future. As the project develops you might find some spare cash, or you could save up for an update in a few years, where you can really get the bath/built-in wardrobes/attic space you dreamt of.

monier.com.au is a great source of inspiration and ideas. Take a look at our gallery of homes and roofing styles, which will help to give you ideas of what style of roof would suit your aesthetic

As the countdown to getting plans drawn gets closer, it's a good idea to think about what your baseline needs are.

Do you really need four bedrooms? Are two bathrooms enough? If you aren't really big cooks, how important is the size of the kitchen – and the appliances? Are you happy to buy small shrubs and let them grow, or do you want established plants?

It is important not to compromise on quality when choosing your basic fittings – go for the best roofing, flooring and structural materials that you can afford. Accessories, internal fittings and furniture can always be updated later. Changing structural elements is costly.





Good, detailed plans are a must before you talk to a builder – the more information you have, the more accurate the quote will be.

Consider getting an architect if you can, they may be more affordable than you think.

Otherwise, use a good architectural draftsperson. The better and more accurate the plans are, the more time you will save. Most cost blowouts are a result of the plans changing along the line. It's better to spend more time getting it right in the first place.

Once you have detailed plans, it's a good idea to send it to at least two builders, preferably three, so you can get quotes on the job and their opinions on how long the work will take. Always keep aside some money for contingencies such as weather delays, changes in specifications, council restrictions etc.



Are you an experienced home owner or renovator? Or a total novice?

If you have a background in building, or lots of experience with previous homes, you might want to project manage the build yourself. But, be aware that it's a lot more tricky than it looks. If you have never built a house, or done a big renovation previously, you should consider getting someone to oversee the process for you. This could be an architect, interior designer, or a managing builder, depending on your preference.

Choose wisely – you need someone who understands what you are looking for in your new home as well as someone who will respect your decisions. After all, it's going to be you and your family who will live in the final product. This is not a showpiece, it will be your home.

Copper is so incredibly versatile, ranging from "perfectly shiny metallics" to "a beautifully imperfect aged look"





With these rich metallics moving into exteriors, Monier's latest release captures the new colour trend

TREND ALERT: COPPER

Copper is the hottest shade in interiors right now – so it seems just the perfect time for it to move outside.

Warmer, richer tones have been creeping into interior colour schemes lately. While the perennial greys are still in vogue, it seems that metallics of all shades are on the ascent, especially copper.

LEDlux Canteen Dimmable Pendant, \$151, from Beacon Lighting, beaconlighting.com.au

Danish Fuel Copper Unisex bathroom cabinet, 20cm, from top3 by design, top3.com.au

Copper is increasingly being used as a highlight - burnished taps here, copper-coloured cushions there. Once only seen in glossy magazines, it has now moved into mainstream design stores as well as bathroom and kitchen manufacturers.

Creative consultant and trend forecaster, Bree Leech, says that copper's appeal comes down to its warmth and ability to transform an otherwise neutral theme into something quite special.

And, she adds, copper is so incredibly versatile, ranging from "perfectly shiny metallics" to "a beautifully imperfect aged look", which explains its popularity and ability to fit in with many different decorating styles.

"The copper trend has evolved and expanded from homewares to building materials with homeowners incorporating copper details in cabinetry and even exterior features," says Leech. "As trends move toward natural materials and materials that age beautifully, copper continues to be a popular choice."

And with these rich metallics moving into exteriors, Monier's latest release captures the new colour trend. The company recently introduced a second metallic shade in its terracotta range of roof tiles - the coppercoloured "Mars".

Available in all three terracotta profiles, Mars adds a soft and reflective metallic that will create a warm and sophisticated glow to any home.

And it can work well with existing colour schemes, says Leech.

"The beauty of copper is that you can integrate it into current neutral and grey schemes; it adds warmth to an otherwise cool palette and creates a wow factor where there was none," she says.

Get the L



Flipside Pendant in Brushed Copper, \$960, from Volker Haug,

volkerhaug.com

Barista & Co Milk jug in Copper, \$25.90, from The Design Gift Shop, thedesigngiftshop.com



'Chap' alarm clock in Copper, \$38, from Matt Blatt, mattblatt.com.au

And yes, Leech agrees that there is a trend away from the greys to a richer colour palette for both interiors and exteriors.

from Rogerseller, rogerseller.com.au

"We are definitely seeing a move towards warmer palettes in neutrals and accent colours. Copper works with these schemes just as well as it does the cooler palettes," she says.

And, of course, when it comes to performance and colour, nothing is longer lasting than terracotta. Monier terracotta tiles are made from natural Australian clay and fired at a temperature of over 1000°C, baking the colour right in, enabling it to withstand Australia's harshest weather elements.

So now, with Mars, you can have the longest lasting colour in the latest shade.

Strata Shower Rose, 200mm in Rose Copper from Rogerseller, rogerseller.com.au







DELIVERING ENDURING COLOUR



Monier's exciting new C-LOC™ colour lock technology is the perfect choice for those choosing a new concrete-tiled roof.

Exclusively developed by Monier's innovation team, $C\text{-}LOC^{\text{\tiny M}}$ is the first of its kind in Australia. Its market-leading system provides additional UV protection from the harsh Australian sun. $C\text{-}LOC^{\text{\tiny M}}$ coated roof tiles maintain their gloss eight times more effectively than standard COLORBOND® steel.

Strong. Beautiful. Innovative. That's the Monier difference.