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NEW ZEALAND

Handyman

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A TIGHT SPACE TO
SQUEEZE IN A TUB

GROW

VEGIES IN A BED YOU
JUST SLOT TOGETHER

INSTALL

NEW BENCHTOPS TO
REVAMP THE KITCHEN

HOW TO

**GET
THIS
LOOK**

**ON A
BUDGET**

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paint it!
GIVE DOORS A DIY UPDATE





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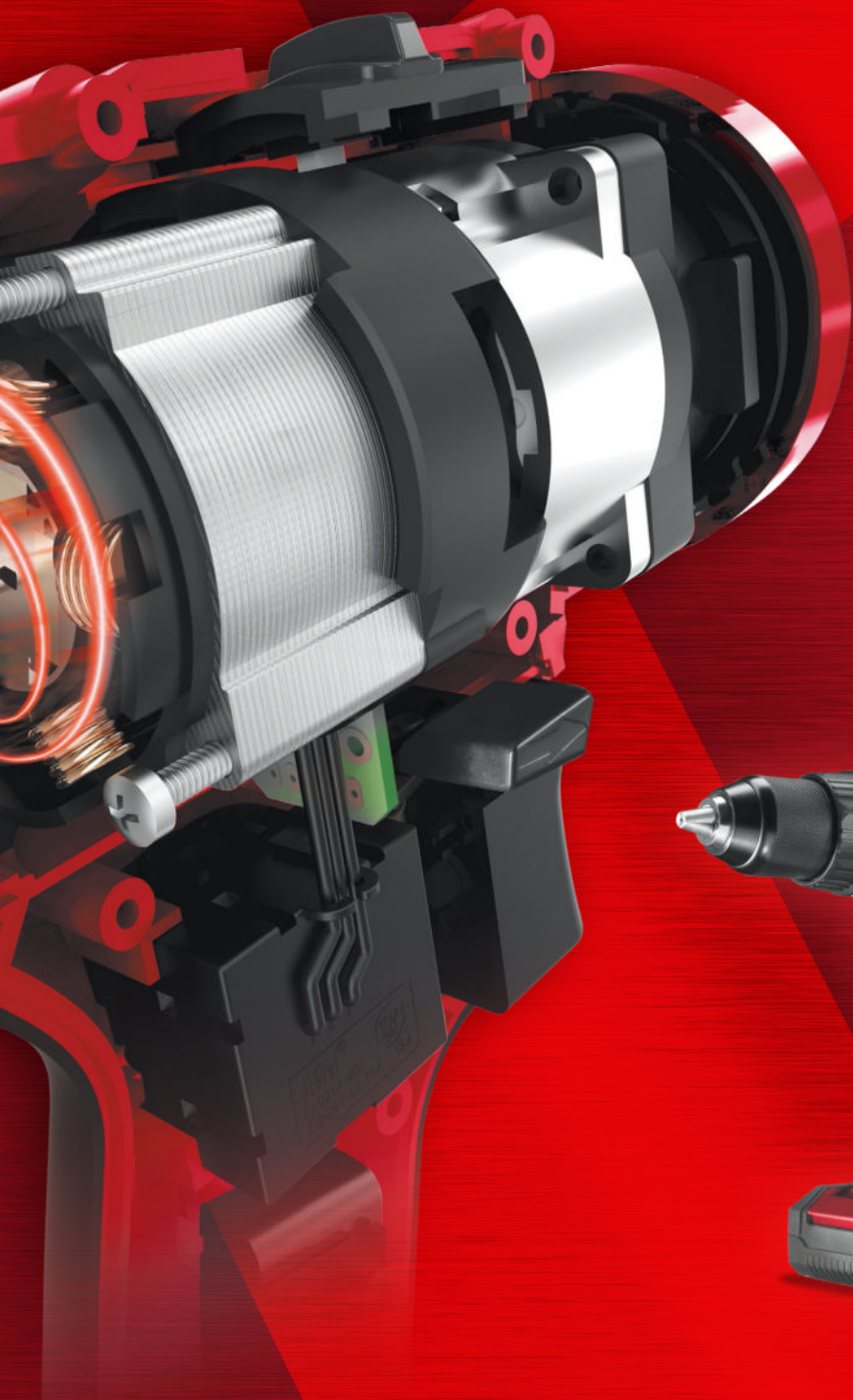
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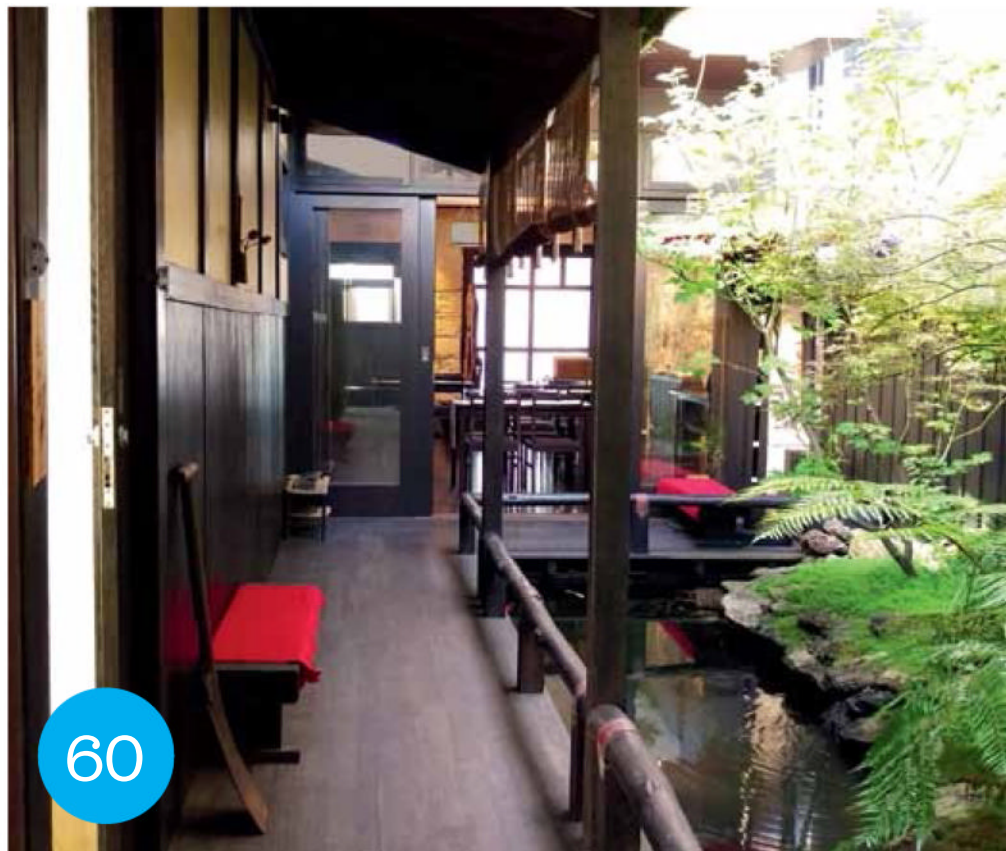
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STUART SCOTT

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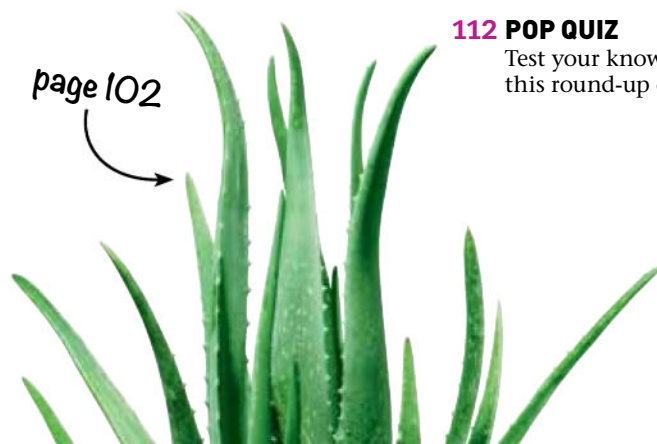
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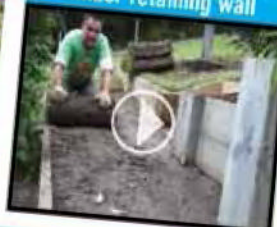


Dear Reader,
It's midsummer and if you love outdoor living you'll love our step-by-step guide to installing bistro blinds to screen the deck or patio. They block summer storms and are easily rolled up to enjoy cool breezes. And don't let weeds win, zap lawn invaders with our easy techniques. Plus find out how to build a timber retaining wall and get the kids into the fresh air with four fun projects. Plus, don't forget to visit our website to win cash for DIY.
Happy DIYing!

How to kill 4 common
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DIY video: Build a simple
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GRAPHIC DESIGNER **CONNIE LEUNG**
FEATURES WRITER **ASHLEIGH PERRIOTT**
WEB PRODUCER **TALISA CLAVIJO**
DIAGRAMS **STEPHEN POLLITT**
NEW ZEALAND EDITOR **BRUCE SCOTT**
T: 64 9 488 0862 E: bruce@regatta.co.nz

ADVERTISING

GROUP ADVERTISING DIRECTOR (ANZSA) **SHERON WHITE** T: 61 2 9018 6280
ADVERTISING SALES MANAGER **KRISTINA FROHLICH** T: 61 3 8844 5542
ADVERTISING MANAGER NEW ZEALAND **KERRY MCKENZIE**
T: 64 9 589 1054 E: kerry@hawkhurst.co.nz

MARKETING

MAGAZINE MARKETING MANAGER **GALA MECHKAUSKAYTE**
WEBSITE MANAGER **BRONWYN POVOLNY**

PRODUCTION

PRODUCTION MANAGER **BALAJI PARTHSARATHY** T: 61 2 9018 6115

PUBLISHING

DIRECTORS **WALTER BEYLEVELDT, LANCE CHRISTIE**
PUBLISHER, MANAGING DIRECTOR **WALTER BEYLEVELDT**
OPERATIONS DIRECTOR ASIA PACIFIC **ADINA GHERMAN**

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NEW ZEALAND OFFICE

HANDYMAN MAGAZINE
PO BOX 25679, ST HELIERS, AUCKLAND 1740

SUBSCRIPTION ENQUIRIES

T: 0800 400 060 E: customerservice@readersdigest.co.nz
www.handymanmagazine.co.nz

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Try these tricks to stay on top of home and garden grime and save time

WORDS ASHLEIGH PERRIOTT



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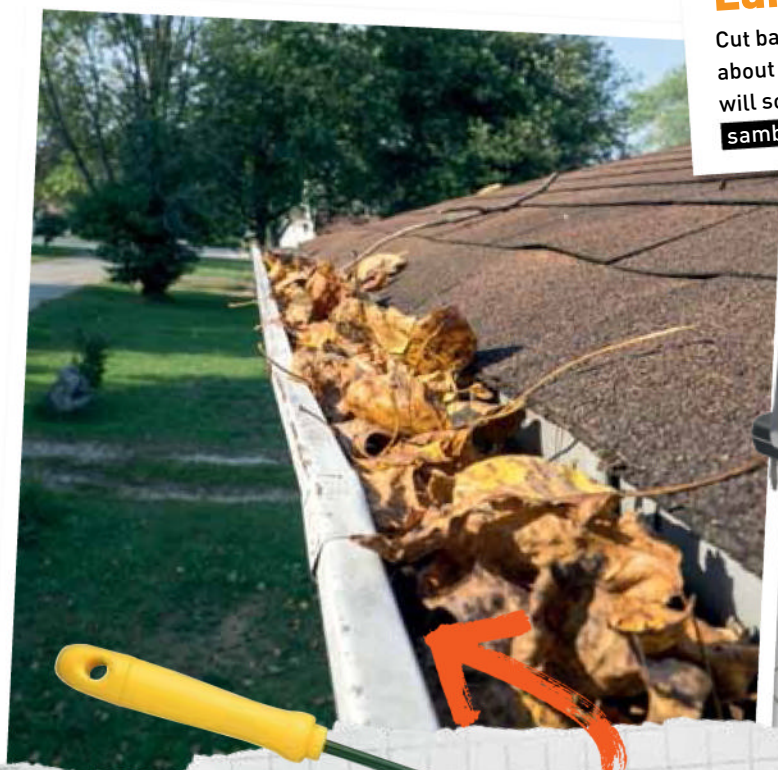
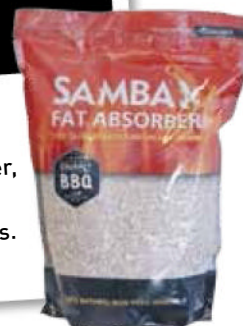
30seconds.co.nz



Lard lover

Cut barbie cleaning time with Samba Fat Absorber, about \$5 for 2kg. Just add it to the drip tray and it will soak up fat, plus reduce odours and flare-ups.

sambafirelighters.co.nz



Leaf lifter

Keep gutters clear of leaves and dirt with ease using the Cyclone Gutter Cleaning Tool, \$10. Crafted from steel, it measures 405mm long.

cyclone.com.au



Barbie scrub

Get the barbecue back in shape with the Matador Premium Stainless Steel Grill Brush, about \$14. It has an ergonomic handle design, built-in hand guard for heat protection and a replaceable bristle head.

mayohardware.co.nz

Tool tonic

Give garden tools serious TLC with the WD-40 Specialist Lawn & Garden Powerful Foaming Cleaner, \$10 for 432ml. Its water-based citrus formula removes resin, sap, dirt and grime in just a few minutes. >

eproducts.co.nz





Steam 'n gleam

Clean anything from a shower cubicle and windows to grouting and tiles with the Karcher 1200W Steam Cleaner, \$156. Stubborn dirt, lime residue and grease just melt away without the need for chemicals and cleaning agents.

karcher.co.nz

Wonder wipe

Remove scuff marks, food grease and fingerprints using Selleys Sugar Soap Wall & Surface Cleaning Wipes, about \$7 for 25. They have a fresh citrus scent and won't damage walls.

selleys.co.nz



Timber tidy

Camouflage scratches and water marks on timber with Briwax Furniture Reviver, about \$47 for 250ml. A quick buff and polish gets oiled or lacquered surfaces looking reinvigorated in minutes.

briwax.co.nz



Grime guzzler

Suck up dust and dirt with the Black + Decker 18V Handvac Flexi Dustbuster, \$188. The integrated 1.5m flexible hose is designed to help you reach those awkward spots. It features long and short crevice tools, and a soft brush.

blackanddecker.co.nz



Mess master

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karcher.co.nz

Clean 'n dry

Cut down on drying time with a Raven 300mm Squeegee Pro, about \$9. The rubber blade leaves surfaces from glass to floors hygienically clean.

raven.co.nz



Refuse remover

Bring back order to your home with the Ryobi 1400W 30L Wet & Dry Vacuum, \$269. It features on-board accessory storage, as well as a blower function.

ryobi.co.nz



Bright white

When scrubbing just won't cut it, give tiles a new lease of life with the White Knight Grout Pen, \$13 for 5ml. Its fast-drying formula and self-guiding design make it easy to re-whiten painted or discoloured grout.

whiteknightpaints.co.nz



Fresh face

Make easy work of cleaning stains and marks off ceramic glass cooktops with Hillmark Cerapol, \$13 for 250ml. The biodegradable formula won't scratch or damage the cooktop. Just rub it in, leave to penetrate and wipe off.

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What's new

April is a great time to get some serious D.I.Y. done around your place. Whether it's inside or out, you'll find all the products and advice you need at your local Bunnings Warehouse.



SET UP YOUR LAUNDRY Made right here in New Zealand, the Dissco twin drawer laundry tub is stylish, spacious and will look great in your laundry. Measuring 900mm x 565mm it features integrated handles, full width drawers and offers unbeatable value for an easy-to-use laundry tub. Right-handed tub also available. **\$799**

ADD SOME WARMTH

Enjoy the convenience of instant heat and the beauty of a fireplace with the flick of a switch. Safe and easy to use, the Akai electric fireplace is wall mountable and comes with adjustable heat settings, remote controller, 24hr timer and touch screen control. **\$349**



REACH NEW HEIGHTS The Rhino 1.5m 150kg fibre glass ladder is a high quality ladder perfect for tradespeople and the serious D.I.Y.er. It's a great ladder to use for electrical work or construction because it isn't electrically conductive, and it's light so is easy to move around. **\$199**

VERSATILE WATER PUMP

The Ozito 12V submersible pump gives you quiet performance and efficient water transfer when you don't have access to 240V. The strainer base is easy to remove and clean, and the 5m head means you can carry the water to any location. It's also backed by a three year warranty. **\$89**



FLEXIBLE WAY TO LOCK UP Ideal for a new door or as a replacement for an old lock, the Windsor Brass touchscreen deadbolt lock will keep your home secure. With the option of key or code to open it, it is easy to install and requires no wiring. **\$299**





POWER 3 TOOLS WITH 1 BATTERY



CLEAN UP YOUR YARD The compact and lightweight Ozito Power X Change Mini Blower is great for tidying your yard and cleaning your tools or workbench. Blowing at speeds up to 78km/h, it can also inflate air beds quickly. Its battery is interchangeable with other tools in the Power Exchange range. **\$49**

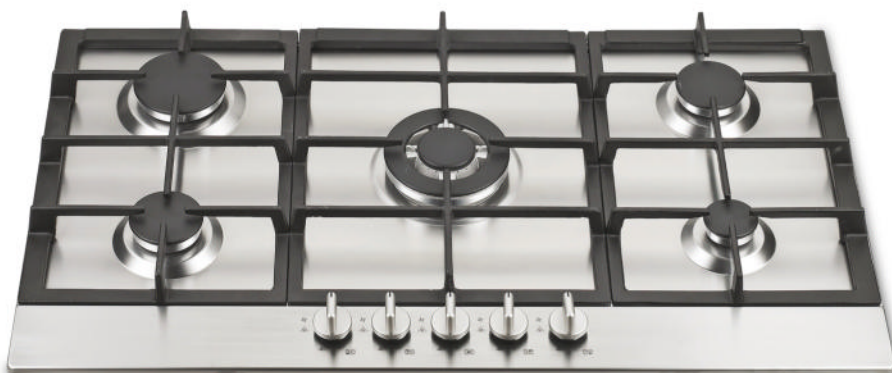


A TOUGH DRILL The Cordless Rotary Hammer Drill from Ozito's Power X Change range works both as a drill and a hammer drill. Use it to drill up to 12mm into masonry or concrete with SDS fittings. With additional accessories (not included) you can also drill into timber or steel. **\$119**



TURN IT UP Listen to your favourite music on the go with the Ozito Power X Change Radio. With AM/FM and 10 station memory for each frequency, it also contains an MP3/phone holder with auxiliary input. **\$69**

LIGHT UP IN STYLE You'll love these decorative filament globes. Their soft light output creates a warm glow that will brighten up your home. There's a huge range of shapes and fittings to suit your style, and they look great in our new pendant range. **\$10 - \$60**



GET COOKING WITH GAS This five gas burner hob from Bellini is perfect for large families. With a flame failure safety device on each burner, it features front controls, electronic ignition and quality cast iron trivets. **\$499**

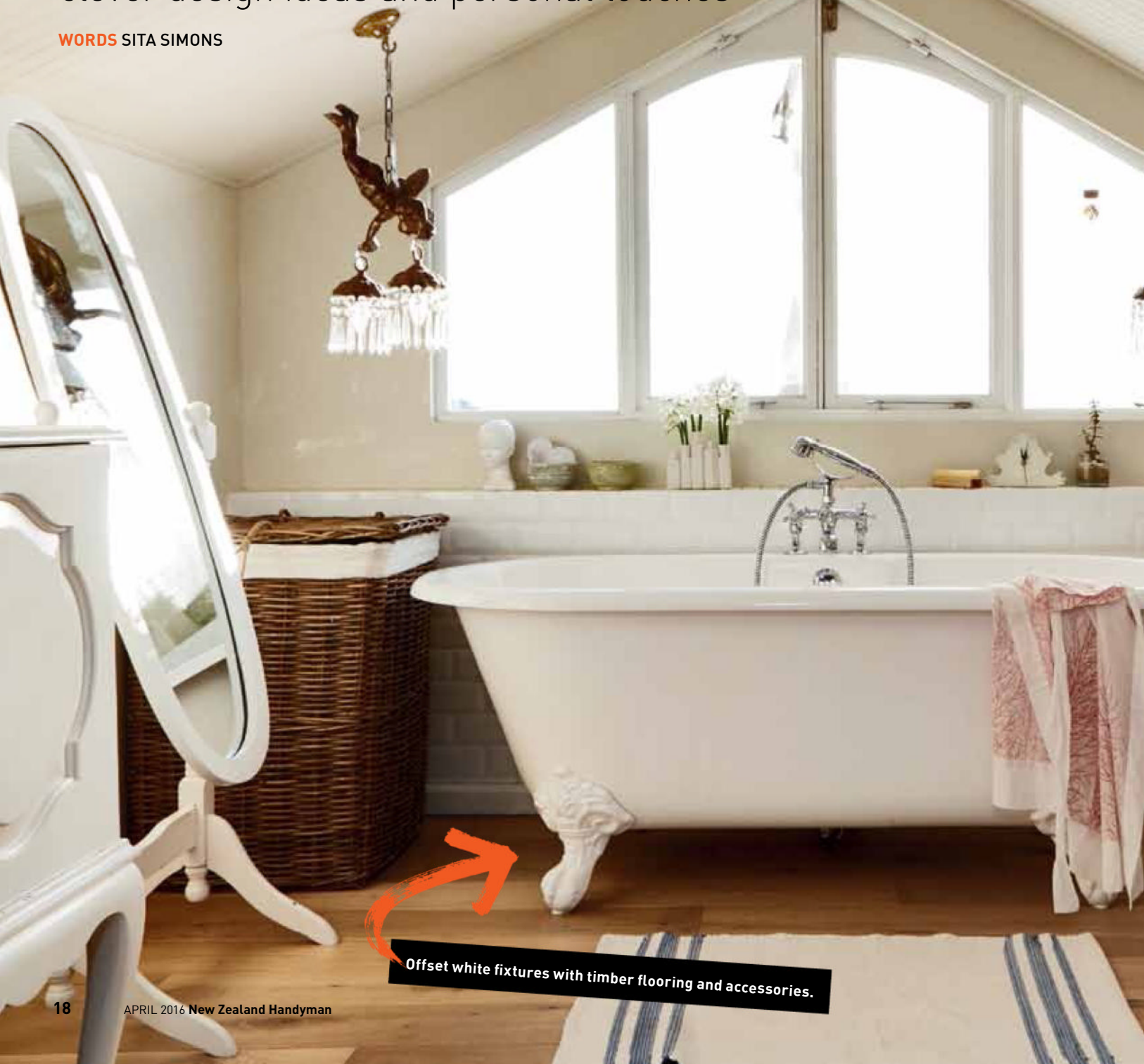
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FOR YOUR INSPIRATION ►►►

WOW FACTOR BATHROOMS

Make any space your own with these clever design ideas and personal touches

WORDS SITA SIMONS



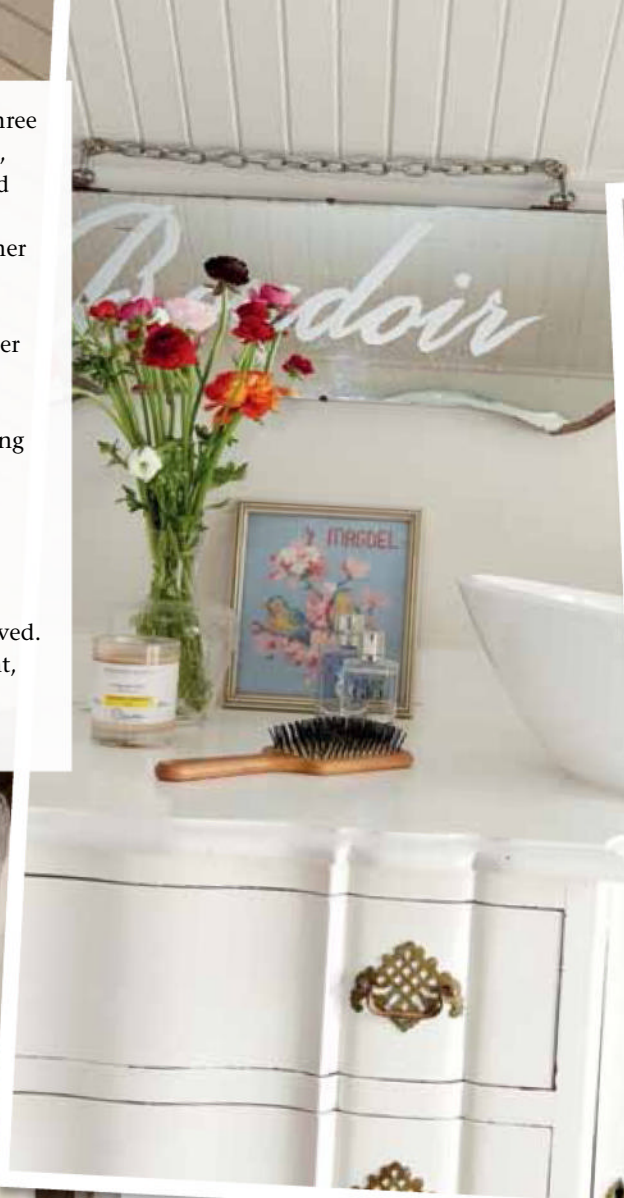
Offset white fixtures with timber flooring and accessories.

A bathroom really has only three standard elements of toilet, sink and shower or tub. And as it's often the smallest room, the layout and design of the space, rather than the size, are what matter.

When designing a bathroom, personal style is key. Interior designer and renovation specialist Monnia Dzirl of The Renovation Box (therenovationbox.com) advises being guided by what you love.

'You spend a lot of time in the bathroom, so make it a space that you feel good in,' says Monnia.

Depending on budget and DIY skills, money can be splurged or saved. A lot can be done simply with paint, tiles and accessories to achieve the look and feel you want.



The vanity is a secondhand cupboard that was painted white and a sink plumbed in. **ABOVE** A mother-of-pearl table adds a decorative element.



Vintage classic

The master bedroom of this home was in the attic space, so the ensuite had a dormer window and a sloping ceiling as architectural features, with both worked into the design.

Taking cues from the feminine but not overly fussy bedroom, the bathroom was done in vintage style and the result was a cosy space that invites privacy and a sense of escape.

Positioned directly under the window to take advantage of the

filtered light and create visual impact is a large claw-foot porcelain tub.

Behind it, a subway-tiled half wall doubles as a bathtub shelf, while the rest of the walls are painted and the sloping ceiling is panelled.

The mother-of-pearl inlay console table is a stand-out feature, adding pattern and colour, and complements the romantic but bespoke feel.

'Using furniture from around the home can add real personality and charm to a bathroom,' says Monnia. ➤



Try timber-look porcelain tiles as an easy to install, low-maintenance option for a vintage bathroom





Even in a bathroom, you can display favourite items.



DESIGN TIP

Display like objects together in groups of odd numbers, or objects of varying height and size in a similar palette.

Artistic touch

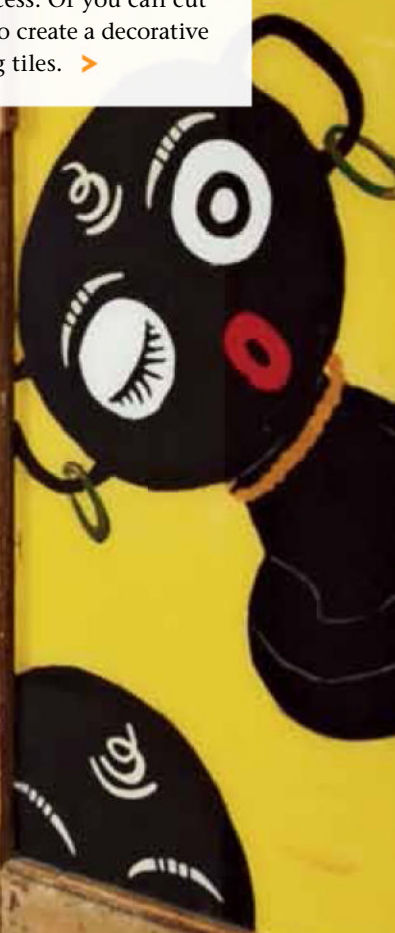
If you have art or collectibles, don't rule out the bathroom as a display space.

This home was full of flamboyant art, so the owners couldn't imagine a white or neutral space, as even in the bathroom they wanted to be surrounded by the things they liked.

'Don't let your personality stop at the bathroom door. Like any room in your home, ask yourself how you want to feel in there and use that as the guiding design principle,' says Monnia.

But take care when choosing display pieces for wet areas, customising the space using waterproofing materials and techniques as the owners did for the artwork on the door panels.

Glass mosaic tile sheets are an inexpensive way to create a designer bath or shower recess. Or you can cut sheets into strips to create a decorative border for existing tiles. >



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Create a bathroom that makes you feel like you're on holiday as soon as you step inside

The painted tub adds a pop of colour for a modern twist.



Old doors from the house were used to separate the ensuite and the bedroom.
RIGHT The simple pedestal basin was found at a secondhand store.



Recycled haven

The features of a home often dictate the design direction for a bathroom.

In this converted farmhouse, the stone walls were retained and simply painted white. A new timber shutter for the recessed window was crafted out of an old internal door.

'Nothing is refined or perfect, and it's a great example of how to recycle and save money while creating a warm, unique space,' says Monnia.

A salvaged ceramic tub was given a paint makeover and became the focal point of the space.

The black terracotta floor tiles are handmade and they set the tone for the earthy, provincial feel of the room.

A bevelled mirror and an Art Deco light bring in more turn-of-the-century elements that speak to the pared back aesthetic and simple functionality. ➤



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Spacious luxury

Tiling all the way from the floor to the ceiling can make a small space seem bigger, but using a bold paint colour on the walls is the way to make a statement in a bathroom with space to spare.

The warm blue-toned grey that was selected goes with everything, especially white fittings.

'Using a modern colour such as this grey lends a new dimension to classic ceramic fittings, bringing it all up to date,' says Monnia.

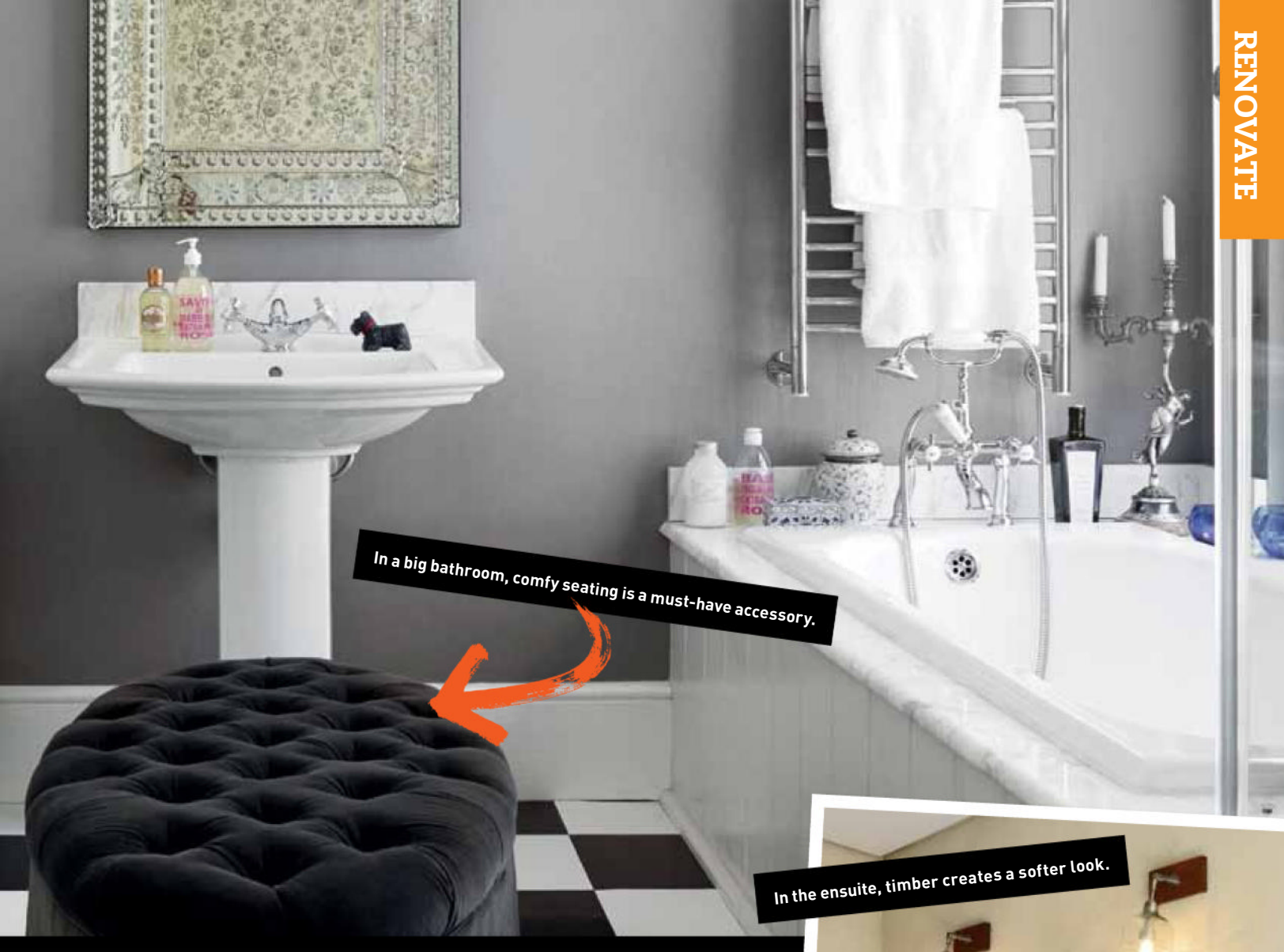
To pick up the black-and-white scheme from the bedroom, this ensuite uses a classic tiled checkerboard floor, the grey walls and the reflection of the wallpaper in the mirror.

A timber side table and black velvet ottoman that invites you to linger in the space make it seem more than just a functional area. Grey-veined marble is used to great effect as a ledge around the tub and a splashback for the sink.

There is an immediate sense of luxury, but comfort is also present.



The main bathroom was designed around the concrete tub.



Material matters

These homeowners decided that traditional spaces weren't for them.

Keen to have a stone bath in the main bathroom, they pushed the idea and essentially moulded the whole room out of concrete. They ended up using concrete in the ensuite as well.

Their choice of main material meant a limited palette of colours.

'Concrete can be mixed with fibre glass, polymers and aggregates so it is suitable for a bathroom. This makes it

very durable and easy to clean, and lends a grounded, organic feel that is textural and warm,' says Monnia.

Adding a pale pigment to the concrete mix created neutral colours that work well with the natural light.

Lighting is very important in bathrooms, especially with a flat, non-reflective surface like concrete.

'In a bathroom, you need to see well, and the lighting over the mirrors in the ensuite is a great example of getting it right.' ➤



Team concrete with brass tapware and iron accessories to add texture and layer the look

In the ensuite, timber creates a softer look.



DESIGN TIP

Make contrasting prints work by sticking to the same colour palette, so no single element takes over and dominates.

Glass cabinets give an illusion of space in a small area. **BELOW** The pair of cherubs allude to the romance of the Victorian era.

Victorian charm

Throwing out the rule book about small spaces, the owners of this bathroom proved more can be more when working with limited floorspace.

While narrow, it still has all the essentials, and even includes seating, but manages not to feel cramped and is still comfortable to move about in.

'The layout is everything. Get that right and you can work with any space. What has been achieved very well here is scale,' says Monnia.

'The window and the mirror are a similar size, and the bathtub is positioned to be in balance with the pedestal basin and furniture on the opposite side of the room.

'This is really key to utilising small spaces while keeping them comfortable to be in.' 🍷

An extra-deep tub adds to the opulent feel.

Lifting the lid on choosing a toilet

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FAMILY BATHROOM OVERHAUL

Rejig the floorplan to fit a full-length bathtub in a compact space

WORDS SANDRA BRIDEKIRK PICTURES STUART SCOTT

When *Handyman* contributor Sandra Bridekirk moved into her home eight years ago, she had no immediate plans to renovate the main bathroom.

But with a growing family and improvements being made in the rest of the house, the room gradually began to look tired and out of character.

As it was a small space, the simple option would have been to install a new shower, vanity and toilet in the same positions, but the family wanted

to add a bathtub, which made planning the reno a lot harder.

'An interior designer friend said it couldn't be done, but we managed it,' says Sandra.

The room was 1800mm wide, the length of a standard large tub, which meant the bath would be 800mm wide, more than Sandra had anticipated, so she searched for streamlined fittings.

'Eventually, I found products that would fit without it feeling like you were sitting on the toilet to use the vanity,' says Sandra.

MAKING AN IMPACT

A clever layout
is key in a small
bathroom

Several design tricks were used to make the bathroom look more spacious.

➤ **WATERFALL EFFECT** Large glossy white tiles were chosen for the side walls and travertine-look ceramic tiles for the floor and far wall, drawing the eye in to create a waterfall effect.

➤ **BLIND CORNERS** A standard recess would have taken up too much space, so Sandra chose a cut-corner shower with a frameless screen.

➤ **MIRROR IMAGE** Mirrors add to the illusion of space and reflect light, so a large mirrored shaving cabinet was

Before



Sandra's plan

- **STRIP** the room and tear out the floor and wall tiles.
- **REMOVE** and replace the old Villaboard on the walls, adding polyester insulation.
- **EXTEND** PVC drainage to the opposite wall to allow connection to a new narrow vanity.
- **ADD** new energy-efficient LED lighting and an extractor fan.
- **LAY** tiling and install new space-saving appliances and a frameless glass shower screen.

recessed into the wall to make it as low profile as possible.

➤ **SLEEK DESIGN** 'It may seem a small detail, but if you avoid having things like the toilet-roll holder and loo brush visible from the door, it adds hugely to the feeling of space,' says Sandra. ➤



DESIGN TIP

Save space by installing powerpoints inside cabinetry and securing the hand-towel rail to the side of the vanity.

After

Light and bright, the new bathroom is now spacious enough for a tub.

The top-mounted sink is modern and sleek.



Cutting costs

- **NO WASTE** The old vanity and mirror were listed for sale online, and the shower base was put out for council pick up.
- **ENERGY SAVER** Dimmable LED lights were installed, meaning long-term power savings.
- **RECYCLED RENO** The shower rail was a recent addition, so it was kept, cleaned and refitted. And the wall insulation was left over from a previous renovation.
- **PIPE DREAM** All plumbing was kept in situ, with only the new vanity requiring an extension. ➤

A cut-corner shower was custom-made for the space.

GETTING STARTED

Once the plans were drawn up, it was time to call in the tradies.

'The plumber had to rework the taps to accommodate the new bath and work out the most efficient way to get drainage across the room to the vanity,' says Sandra.

Pieces of the compressed fibro flooring were cut out to allow access to the pipes beneath. Once the work was done, new strips of the same product were attached to the joists.

'I wanted to centre the toilet and vanity to look best in the space, so the plumber did this by bringing PVC pipes across under the flooring,' she says.

He then ran water pipes over to the new vanity position.

Light switches and a powerpoint were roughed in by an electrician and a cut-in for a three-in-one extractor fan and heat lamp was made. A duct outlet was then added so the fan could be vented to the outside.



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BUDGET TIP

Choose end-of-line floor tiles and use the savings to buy better wall tiles, and ask for a discount if buying several items.



A compact vanity and recessed mirrored cabinet provide ample storage.

TAKING SHAPE

Once the wall panels were done, the waterproofing process began and eventually the room was retiled.

Next, the plumber came back and reinstalled the toilet, vanity and tapware in the same positions where Sandra had originally drawn their outlines in chalk.

The final detail was a cut-corner shower recess, custom-made to fit the space. It was an extra expense, but it completed the bathroom true to the brief. And the results even exceeded Sandra's expectations.

'No matter how much you look at an outline on the floor, it's hard to visualise the end result,' says Sandra.

'I love it. It looks so modern and is very easy to clean, and we managed to fit in that bath. It actually looks more spacious than I had hoped.'

The total cost of the project, including tradies, was \$13,000. 🍷

GET THE LOOK



Stein Sabana Oval Countertop Basin, \$96.
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Foreno Tigerjet Chrome Slide Shower, \$70.
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Johnson Tiles 300 x 300mm White Gloss Ceramic Wall Tile, about \$42 for 14. johnsontiles.com.au

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SMALL SPACE UPDATE

Revamp a cramped bathroom by installing a brand-new shower, bath, toilet and vanity

WORDS AND PICTURES STUART SCOTT

The bathroom in this old cottage was dated and in poor shape and the overall space was barely 2.4m x 1.8m.

Everything was piecemeal and badly done. The old wall and floor tiles had been tiled over in the past and the cast iron tub had more recently had a shower installed over it.

The challenge was not only to strip away the old materials, but also to add both a full-sized shower and separate bathtub in the new bathroom. To gain space, we replaced the old door with a sliding door before the reno began.



Before



After

Changing the layout made room for a separate shower and tub.

TILE RESTYLE

Extra-large tiles were selected to provide clean uncluttered surfaces that amplify the space.

Only four of the 900 x 900mm grey tiles were required for the floor, including a single tile being used for the shower recess. On the walls, 900 x 300mm satin alabaster tiles with a rectified edge were used.

At a height of 2000mm, in line with the top of the frameless shower screen, 10mm cedar trim was added to relieve the large expanse of light tiles on the walls.

This trim was also used to frame the frosted-glass louvre window above the bathtub that replaced the dated double-hung window. ➤

Before



Structural changes

Originally, the bathroom had brick-veneer walls laid over a formed-concrete floor.

This made it tricky to re-route services to suit the new floorplan and caused problems with the large-format tiles, which are ideally laid over good substrates.

Ultimately, the walls and floor were completely removed and new modern materials were used to create true, even surfaces.

A false ceiling was also installed to house an aluminium fitting for LED strip lighting and an in-line extractor fan.

After

Installing a sliding cavity door and corner shower opens up the space.



Watch how to install a sliding door

Subscribe at handymanmagazine.co.nz/sliding-door

TAILOR-MADE SHELVES

A double-ended bathtub was installed below the new louvre window.

The narrow ledge located at the foot of the tub was topped with high, custom-made timber shelves that match the bespoke wall-hung vanity.

Baskets are used to keep essentials tucked away on the vanity shelves.

A flush-mounted mirror above the streamlined white basin completes the sleek, contemporary look.

The renovation cost \$7400. 🍷



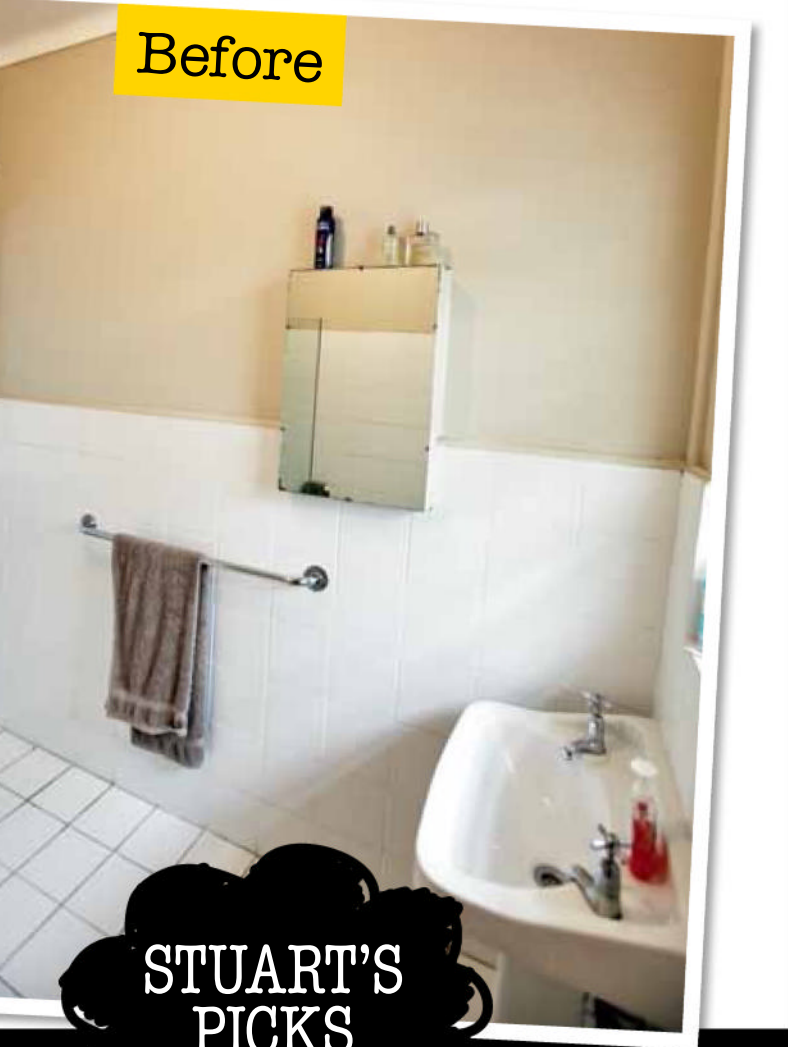
Add warmth to
an all-white
bathroom by using
a rich-grained timber



After

Made-to-measure shelving provides plenty of storage in a small bathroom.

Before



STUART'S
PICKS



Stein Redbridge Square
Vitreous China Basin,
\$155. stein.co.nz



Foreno Cuba Basin
Mixer, \$195.
foreno.co.nz



Stein 750 x 900mm
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The Oakridge vanity features soft close draws, a chrome satin handle, hard-wearing composite stone top and convenient overflow. Tapware not included.

EMILIO SLIDING

A modern sliding shower with stylish frameless glass. This enclosure is a practical solution for when space is limited. Package options includes the Ezi-Lay tile tray or an acrylic tray with one piece seamless acrylic wall liner.

GEORGIA SQUARE NEW

A modern pivoting shower with a stylish low profile frame. A great option for an alcove or as a standard two sided shower enclosure. Options include an acrylic tray with one piece seamless acrylic wall liner.

GEORGIA CURVED NEW

The Georgia Curved shower enclosure is a modern corner shower with a double sliding door. This is the perfect solution to maximise space in tight bathroom spaces. Package options include an acrylic tray and a one piece seamless acrylic wall liner .





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DIY TIP

To minimise condensation in the ducting and fully clear humid air, run the fan for 20 minutes after a bath or shower.

BREATHE EASY

Keep the bathroom fresh and free of mould and mildew with these solutions for good ventilation

WORDS SANDRA BRIDEKIRK



Windows are the simplest way to ventilate a bathroom.

The bathroom is one of the most important areas of the home when it comes to ventilation. If moisture caused by steam isn't properly vented, potentially harmful mould and mildew can quickly take hold.

One of the simplest and most effective ways to remove moist air is to install an extractor fan vented to the outside via a ducting kit. Before you buy the fan, measure the area in square metres to get the right size.

Ensure the bathroom has been professionally waterproofed to prevent leaks, and use mould-inhibiting primers and paints for wet areas. ➤



Make-up air

Outside air that is introduced to replace extracted or vented air is called make-up air.

If possible, a window should be kept slightly open in your bathroom, so make-up air can enter. And it's important a bathroom door should not be sealed too tightly at the base.

'Underfloor heating on a timer helps with mould and mildew control, as it dries excess moisture, especially in winter,' says interior design specialist Natalie Andersen.

'No longer cost prohibitive, it can be installed in an average-sized bathroom for about \$1500 and can even be done as a DIY job.'

Use surface treatments designed for wet areas.



Safe renovating

Volatile organic compounds (VOCs) are potentially harmful chemicals containing carbon that are present in new furnishings, cleaning sprays and renovating products, like paint, adhesives and varnishes.

The reason fresh paint and new furniture gradually lose their new smell is because the VOCs make their way to the surface and are then released into the air. This 'off-gassing' lessens over time.

When renovating, there are some suggested recommendations.

⚙️ **LOOK** for building products that are factory pre-dried or quick drying.

⚙️ **USE** surface-coating products that are water based or classed as containing zero or just low levels of VOCs.

⚙️ **ASK** the manufacturer for the material safety data sheet (MSDS), especially if the information on the container is unclear.

⚙️ **VENTILATE** rooms when you are resurfacing walls and floors until the odour reduces considerably or disappears. 🌬️

TOP PICKS



Manrose 150mm Wall/Ceiling Fixed Grille, about \$41, from Bunnings.



Selley's Rapid Mould Killer Spray, about \$7 for 500ml. selleys.co.nz



DampRid Refillable Moisture Absorber, about \$7 for 300g, from Bunnings.



British Paints Clean & Protect Kitchen And Bathroom Paint, \$79 for 4L. britishpaints.co.nz

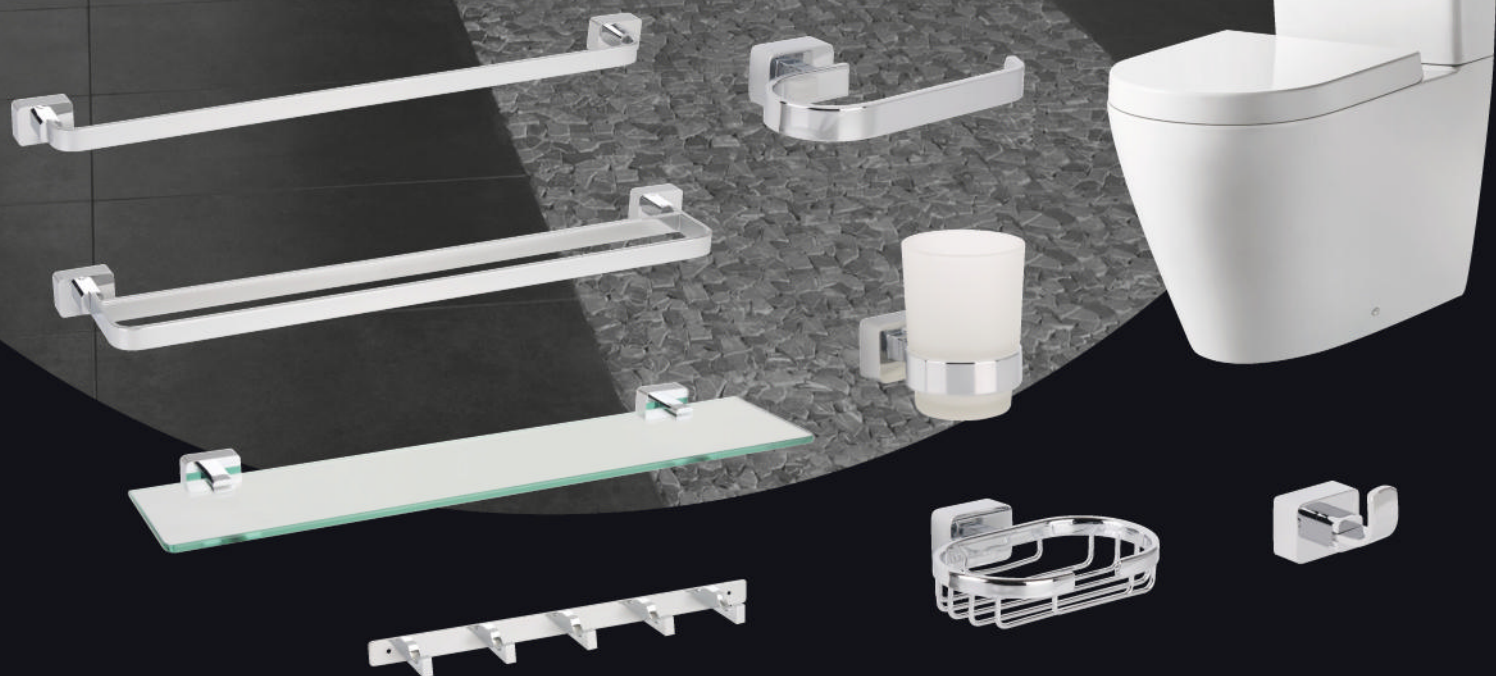
Waterproof before tiling and use anti-mould paint.



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SAFETY TIP

If tile grout is cracked or crumbling, remove and reapply it to protect the waterproof membrane underneath.

5 TIPS WHEN WATERPROOFING

Make the right decision when renovating wet areas of the home with these smart ways to find the best service

WORDS ASHLEIGH PERRIOTT

While it may seem like waterproofing is as easy as applying a few coats of paint, a lack of know-how and poor workmanship can lead to a hefty repair bill.

Waterproofing tops the list of the most common construction defects reported in New Zealand, according to building industry statistics.

Signs of failed waterproofing are often invisible until structural damage

has occurred, so it's vital the work is done right the first time around.

The average cost for employing a professional to waterproof a bathroom is about \$1000, but fixing a dodgy job can cost many times that.

All waterproofing membranes require building consent and a manufacturer's warranty.

The products used for the job must be installed in your home only by manufacturer-approved tradesmen.

Select a product suited to your job, that has been appraised by the Building Element Assessment Laboratory (BEAL) or the Building Research Association of New Zealand (BRANZ).

All work requiring consent must be undertaken by a licensed practitioner, who must issue you a memorandum of work once the job is completed.

Finally, seek a code compliance certificate from a building consent authority, usually your local council.

GET AN EXPERT

1 Pick a professional
Waterproofing is not generally undertaken by a builder or plumber unless they have done a manufacturer's applicator course and hold a current product licence.
Most tilers will hold a licence, although the licence is usually specific to a single product.
Shop around for a professional until you find the right fit.

2 Find the finest
Keeping up to date with laws and regulations in the Building Code is essential.
It's not mandatory for builders and other tradies to be a member of an industry body such as the Certified Builders or Master Builders Association, so call your local branch to find the qualified members near you, or ask at a tile shop for recommendations.

3 Read the reviews
Find out their level of experience and request customer testimonials to ensure they have a history of quality workmanship, as well as positive relationships with past clients.

4 Set the standard
Discuss what standards waterproofing work in your property will need to meet.
BRANZ Bulletins 591 and 583 make specific recommendations for waterproofing work. Visit the Membrane Group website to see the specific code of practice for your job (membrane.org.nz).
All internal and external waterproofing must meet Building Code standards.

5 Get a guarantee
As you would with any other large purchase, you must get a guarantee from the product manufacturer and a warranty from the applicator.
To protect yourself from repair expenses in the event of damage, make sure you stick to any maintenance requirements set out by the manufacturer, as defects in the application may appear years after completion.



Get several quotes before hiring a contractor.

Can you DIY?
Simply put, definitely not.
Only licensed applicators are permitted to do waterproofing work around the home.
Building Code compliance documents are free to download off the Master Builders Association website (masterbuilder.org.nz). Other industry bodies also provide guidelines that will help you make your choice of product.

Tiled shower areas are at the highest risk of damage should work be faulty, so all walls and floors must be waterproofed.

Laundries and separate toilets also require protection, and most councils will require floor drains to be installed in any wet areas. ●



Take your time researching a waterproofer's history.

Find it at Bunnings

LAY WALL TILES DIY

Get a fresh new look and save money with these easy tiling techniques

Renovating the bathroom is a great way to improve your home while adding value, and you can make the project more affordable by laying tiles yourself.

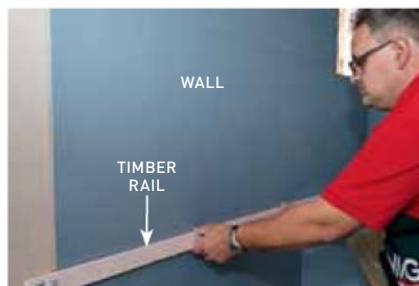
To calculate the number of tiles needed for a wall, multiply the length by the height, then deduct any openings and add 10% for wastage.



Ensure a licensed professional applies all waterproofing

What you need

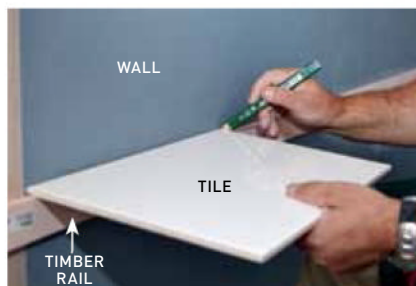
- Tiles
- Adhesive
- Tile spacers and wedges
- Notched trowel
- Measuring tape
- Pencil
- Bucket
- Drill and mixing paddle
- Tile cutter
- Spirit level
- Timber rail
- Grout and grout float
- Sponge



1 Mark a datum line

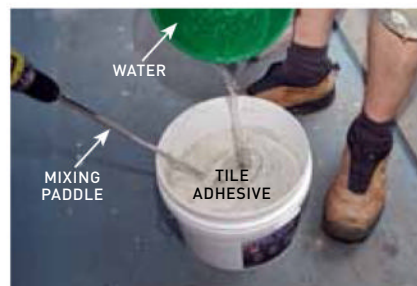
Deduct 20mm from the tile height and mark a straight line along the wall at this height. Create a temporary rail by attaching a piece of timber to the studs using screws, checking for level.

TIP The datum line ensures tiles are level and accounts for uneven floors.



2 Cut the tiles

To work out the width of the last tile in a row, position one tile on the timber rail, starting at one end. Move it along the rail, one tile width at a time, adding the width of a spacer between each tile. Measure the width for the last tile and cut to size with a tile cutter.



3 Prepare the adhesive

Add tile adhesive powder to a bucket of water and blend using a power drill with a mixing paddle until it has the consistency of toothpaste, adding water or powder as necessary.

TIP Use a tile adhesive compatible with your waterproof lining.





White grout between white tiles looks clean and fresh.

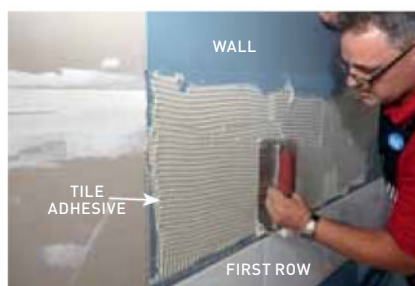
BUDGET TIP

Ceramic tiles are usually the most affordable choice, while porcelain tiles are stronger and less porous.



4 Lay the first row

Spread adhesive onto the back of the first tile using a notched trowel. Position the base of the tile on the timber rail and push it against the wall. Clean off any excess adhesive and push plastic wedges under the lower corners of the tile.



5 Tile the wall

Lay the rest of the tiles across the first row, inserting spacers in between. Check for level when complete, using wedges to adjust the tiles as necessary. Start the next row, applying adhesive to the wall and laying tiles one row at a time. Repeat to finish tiling the wall.



6 Lay the base row

Remove the timber rail and lay the base row, cutting the tiles as required. Let the adhesive cure, remove the spacers and grout the joints, wiping away the excess with a damp sponge. **TIP** After removing the datum line, re-waterproof the screw holes. 🛠️

FOR YOUR INSPIRATION ►►►

OLD & NEW

Heritage style and modern architecture combine to create a home with character

WORDS SITA SIMONS PICTURES SHANNON MCGRATH



Behind the Victorian facade lie three levels of new living space.



The central suburbs of most cities around the world are sought-after places to live with high property values.

Residences in inner cities are typically tightly packed, but this 10 x 40m double-fronted house built in the Victorian era stood apart.

However, it wasn't too impressive to look at from the street, says architect Nick Travers, who was called on to give the old home a makeover.

'Partial renovations and lots of add-ons, mostly from the 1980s, gave it a dated, incoherent feel, concealing its presence and dulling its charm.

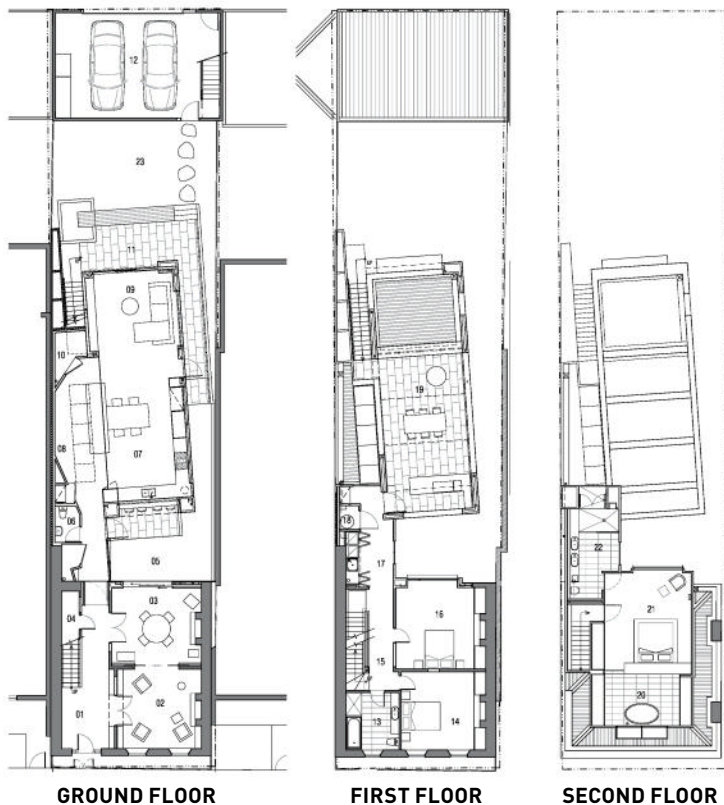
'Past the facade, there wasn't a lot of the original fabric and detail of the house left, so this was a large-scale demolition and rebuild,' says Nick.

The clients were a couple with young kids who loved the area and wanted a contemporary design. Their goal was a home with personality and warmth, and space for entertaining. ➤

An open-plan living room and eat-in kitchen is a great family and entertaining space.



The sleek modern kitchen belies the heritage facade.



LEGEND	
01	ENTRY
02	LIBRARY/SITTING ROOM
03	DINING
04	STORE
05	COURTYARD
06	POWDER ROOM
07	KITCHEN
08	GALLERY
09	LIVING
10	STORE
11	OUTDOOR LIVING
12	GARAGE
13	BATHROOM
14	BEDROOM 03
15	HALL
16	BEDROOM 02
17	LAUNDRY
18	STORE
19	TERRACE
20	DRESSING ROOM/BATH
21	MAIN BEDROOM
22	ENSUITE
23	GARDEN

DESIGN TIP

Timber was used throughout the home to add warmth in spaces with utilitarian surfaces such as concrete.

Original restoration

Although most of the original house was demolished, referencing the era and period details is always necessary for a successful renovation.

'It is kind of an unspoken rule. I have seen renovations that didn't do it and they can feel disconnected and almost soulless,' says Nick.

'It can be jarring to think you are entering a Victorian house because of the facade and be faced with undiluted modernism inside. There's always a balance that feels right.'

Traditionally, the front rooms would have been formal reception

and living areas. The renovation played with this concept to create a comfortable home rather than stiff spaces that no-one would use.

The front rooms are separate spaces that allow for privacy and feel different from the rest of the house.

Nick's goal was to achieve an interpretation of old-world feel and include what he calls 'a winter space'.

'These are cold-climate rooms, using darker colours, timber panelling and layers of texture,' says Nick.

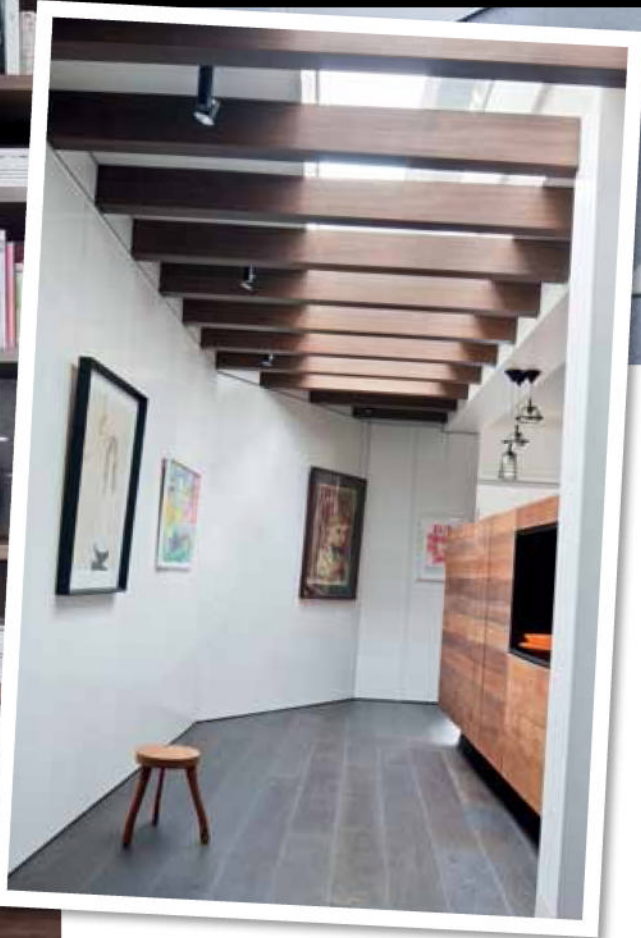
'Classic furniture shapes and rich wallpapers reflect the English styling this era of architecture would have had.'

BUDGET TIP

Choosing the same colour scheme for every room means you can buy paint in bulk and save yourself money.



LEFT On entering, you are greeted by a formal sitting room-cum-library, which references the original heritage home.
BELOW A light-filled corridor links the old and the new parts of the house.





In the family living room, the oversized sofa invites relaxation.

Courtyard connection

The home was renovated to become two separate structures. Behind the Victorian facade lie period-style rooms, while a modern pavilion was added at the rear of the property.

From the sitting room-cum-library, a wide corridor that doubles as gallery space leads to the new build, angling at the end to open into the pavilion.

Light floods into the corridor through a full-length skylight and is filtered by timber beams, signalling the deft design of the new build.

A leafy open courtyard sits between the old and the new parts of the house, which is accessed via glass doors in the gallery corridor.

The courtyard acts as a transition point, bringing views, natural light and greenery into the interior of the front part of the house and rear pavilion.



Built-in joinery offers an exact customised solution for the space in the living area

The landscaping was an important element of the overall renovation.

'Because there was width in the block, a key focus was the connection between the indoors and out. The clients went to a lot of effort with the native gardens. These spaces create a sense of sanctuary,' says Nick. ➤



Large bifolds off the family living room bring the outdoors in.

New pavilion

To increase the footprint of the home, the pavilion was added to house an open-plan kitchen and living area. It was skewed on an angle to create more garden space instead of building right up to the boundary lines.

Sleek and unobtrusive, the new kitchen features floor-to-ceiling storage and integrated appliances, with white cabinetry and black marble benchtops that recede into the space.

A large timber block balances the textural elements, and provides more storage space and a technology hub. A concrete table on casters can be extended or minimised.

On the other side of the servery windows, the kitchen bench extends to form a cafe-style bar that can be enjoyed from the courtyard.

Off the living area, the courtyard feature is replicated through large bifolds, offering unobstructed views.

Awning windows open from a kitchen benchtop into the courtyard, creating an outdoor bar for entertaining.

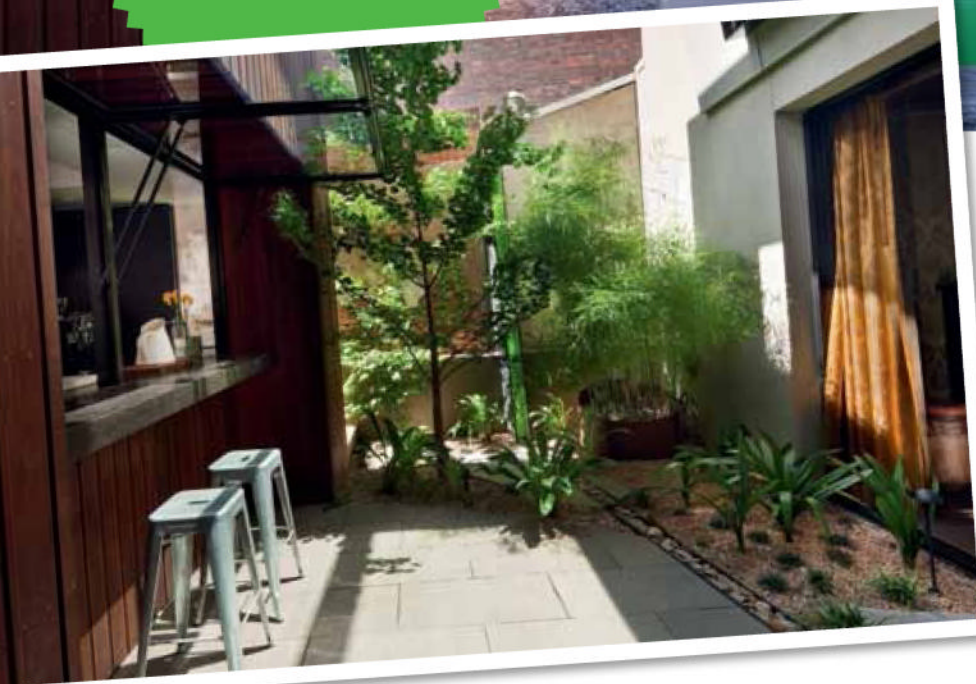
RIGHT The courtyard links the old and the new parts of the house.



The open-air terrace on the first floor is an entertainer's dream.

DESIGN TIP

Install awning windows and bifolds to open up the home and provide a seamless connection with the outdoors.



A native garden can be both lush and structural but is always low maintenance

Entertaining spaces

Located right above the living space and accessed by an external staircase is a large open-air terrace, which takes in views of the garden and trees and also the city's CBD in the distance.

This type of entertaining space was top of the owners wish-list. While still being a private space, it is big enough for parties and gatherings.

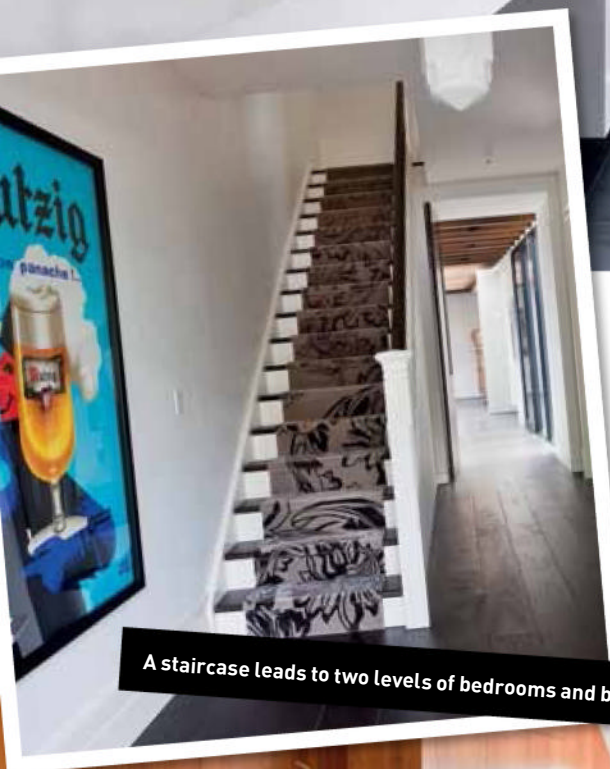
There is a visual link from the terrace to the living area via a highlight window, and the open roof structure defines and contains the space.

The warm palette of timber, in this case the cladding of Victorian ash, is continued so the outdoor spaces feel harmonious with the interior.

Recycled timber beams and exposed brickwork ground the design and give it texture. ➤



The stone sink incorporates a seat and extra bench space.



A staircase leads to two levels of bedrooms and bathrooms.



Position windows and doors to give bedrooms and even bathrooms treetop or garden views



In the master bedroom, a tub is a luxurious touch.

Leafy views

Featuring a boldly patterned runner, the staircase in the front part of the house leads you to the first floor, where there is a family bathroom and two bedrooms above the formal sitting room and library on the ground floor.

The second floor attic space was turned into the master bedroom suite, and features a wall of storage and wardrobes in the same timber that is used throughout the house. A small, private balcony brings the outdoors in.

A king-sized bed is positioned to take in the garden view through a large window, and a raised platform behind holds a freestanding tub. There is also an ensuite, unfussy and generous in size, with a moulded stone sink.

'It's so private and peaceful here. From the bathtub looking up, there is a view of the treetops, and the parapet of the original building,' says Nick.

'It's the perfect junction between the old and new parts of the house, and signifies the resolution.'

30[®]
SECONDS

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30 Seconds[®] Window Wonder Outdoor Glass Cleaner is the new, easy way to clean your outdoor windows.

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ALL THINGS BENCHTOPS

Install new surfaces to transform
the look and feel of your kitchen



Kaboodle Kitchen 2000 x 900mm Squid Ink Benchtop, \$629 per module. kaboodle.co.nz

Watch the video 'How to Install a Laminate Benchtop' at bunnings.co.nz/diy-advice

A full budget-blowing renovation isn't the only solution to the problem of living with a dated kitchen.

If the layout is practical and the cabinetry in good shape, you can give the kitchen a refresh instead of an overhaul. And the quickest way to do this is by replacing the benchtops.

Here are some of the hottest benchtop trends currently available in laminate, stone, timber and bamboo.

Your choice will depend on the existing cabinetry and overall look of the room, as well as your budget.

TIP Install new cabinetry handles for another instant, budget upgrade.



Kaboodle Kitchen 2250 x 900mm White Sesame Benchtop, \$524 per module.

LEFT Team light-coloured laminate with white cabinetry for a uniform style.

RIGHT Laminate can be cut to size to incorporate sinks and other fixtures.

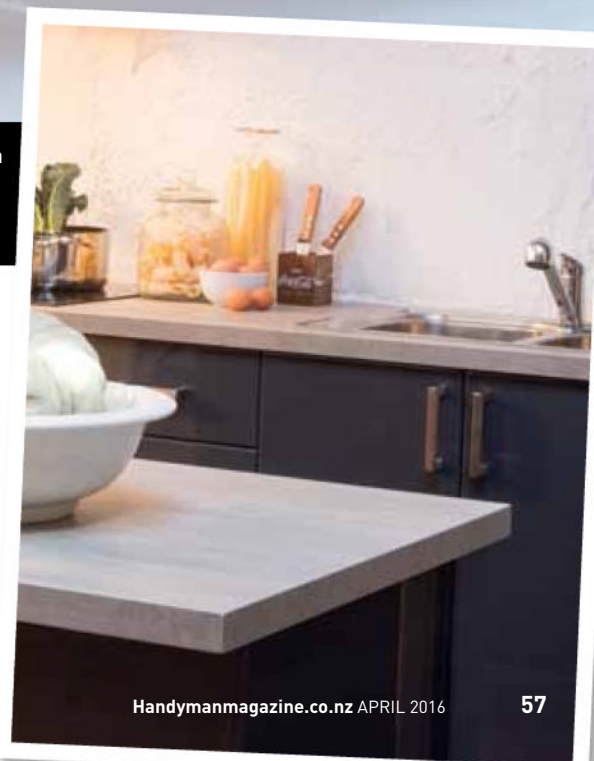
LAMINATE

The ideal choice if you're after a quick kitchen refresh, laminate benchtops are available in a huge variety of styles, colours and patterns.

A very budget-friendly option when compared to stone, laminate is also easy to install and maintain, making it the best choice if you want to replace the benchtops DIY.

You can go for plain benchtops in the colour of your choice, or opt for laminate that has the appearance of textured timber or high-end stone so you can get the designer look for less.

Depending on the style and the colour, laminate benchtops come in a gloss or matt finish, and in a range of sizes and profiles. ➤



Kaboodle Kitchen 2400 X 600mm Bamboo Benchtop, \$629 per module. kaboodle.co.nz

DESIGN TIP

Bamboo features a beautiful natural grain and is a great eco-friendly substitute for stained timber.

TIMBER AND BAMBOO

A great way to add warmth and life to a kitchen, natural timber and bamboo benchtops bring a beautifully organic look and feel.

Timber benchtops can be made from a variety of hardwoods, including maple, Victorian ash, European oak and beech.

Measure up

- 1 Check the cabinets are level and square by placing a spirit level on top of the base cabinets. If they're not, adjust them as necessary.
- 2 Measure the length of the kitchen, remembering to include all filler and end panels. It is best to start from a wall and measure outwards. Add 20mm for the overhang or 30mm where safety corners are used.
- 3 Measure the depth of the benchtop from the wall to the front of the cabinet doors and drawers.

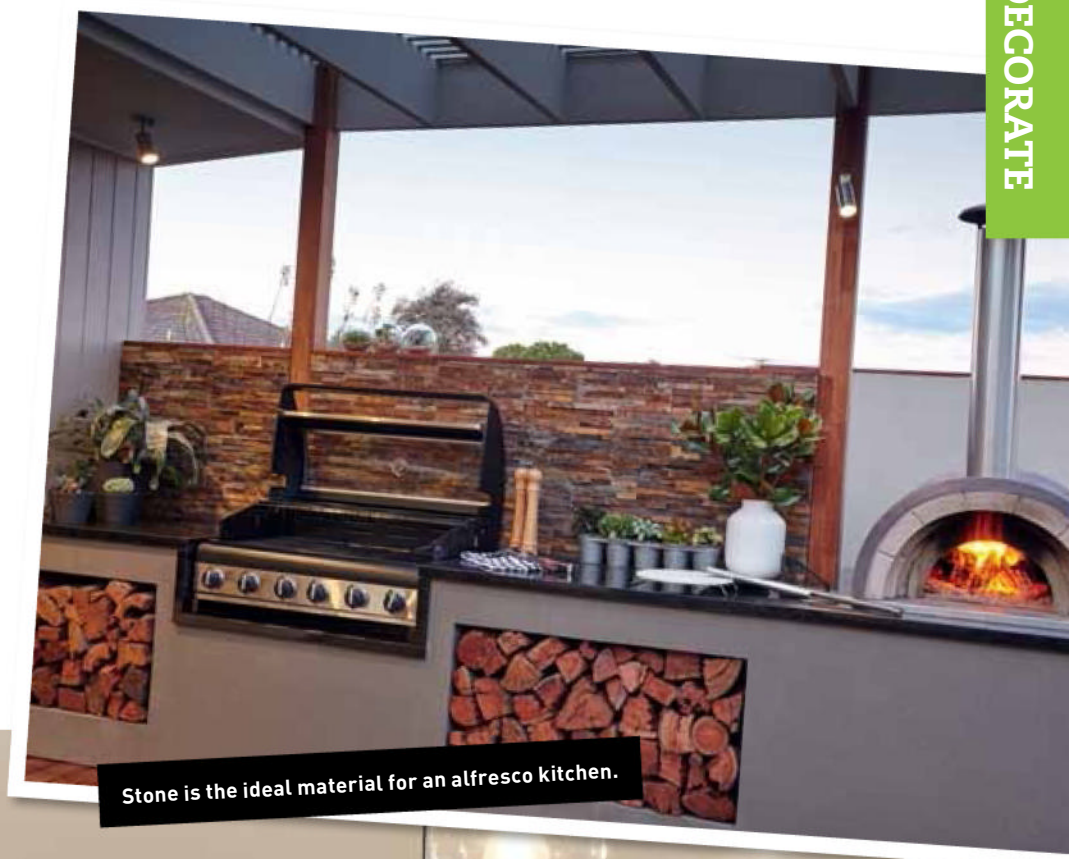
ABOVE Bamboo teams well with dark grey shades for an eye-catching look. **RIGHT** Measure up carefully before buying new benchtops, then again before installing them DIY.

STONE

If you're after an alternative to timber, bamboo or laminate, stone is a great option. There is a range of natural and engineered stone benchtops available, designed to suit varying budgets, styles and tastes.

Natural stone comes in various colours and patterns, blending beauty with durability and is an enduring investment in any kitchen. Stone is also great for alfresco kitchens.

Engineered stone is produced using a mix of 96% natural quartz and technologically advanced polymers, making it a non-porous, hard-wearing material. It's also easy to maintain and can come with a 10-year warranty. 🌱



Stone is the ideal material for an alfresco kitchen.



Waterfall edges represent a popular design trend.



LIVING THE DREAM

How one couple transformed a sandstone cottage into a Japanese-inspired guesthouse

WORDS GUN ARVIDSSEN PICTURES LINDA EVANS

After stepping inside this peaceful guesthouse, it's hard to believe you're in a busy inner-Sydney suburb.



Guests are provided with Japanese footwear and clothing to make the experience authentic. **LEFT** The sandstone walls are all that remain of the original property.



Crossing the threshold into Ryokan Gojyuan, in Sydney's inner-city Balmain, is like stepping through a magical portal and being instantly transported to Japan.

'We've always had a love affair with Japan, but it was never in my mind to open something like this, it just happened,' says Linda Evans, owner of the guesthouse (ryokangojyuan.com).

Linda and her husband, Steve, visited Japan in 2001 and they were inspired by the hospitality they enjoyed while staying in traditional Japanese guesthouses, called ryokan.

'We thought it would be nice to have something like that in Australia, so people could see what hospitality is supposed to be about,' she says.

Despite being an IT professional by trade, Linda has a strong practical background in DIY, as does Steve.

'I had a vision and we managed to find a local builder to work with, who was the best help we could have wished for on this project,' she says.

The reno was a huge undertaking, involving major excavation work and a substantial rebuild of the property.

The transformation took five years to complete. Linda acted as project manager and maintained her sanity by focusing only on the job at hand.

'When we were doing the roof, I forgot about everything else. If I had looked at the overall project, I probably wouldn't be sitting here talking about it today,' she says. ➤



The minimalist use of space is key when setting out a Japanese-style room

Seizing opportunities

Despite the various challenges, many unexpected opportunities surfaced as the work progressed, making the process rewarding and enjoyable.

'I was going to use bamboo around the pond so I bought several books on the subject, but then this redwood came up on eBay. I thought it was lovely so we got that instead, and it changed things completely,' says Linda.

The cedar used for the front door was also an online find.

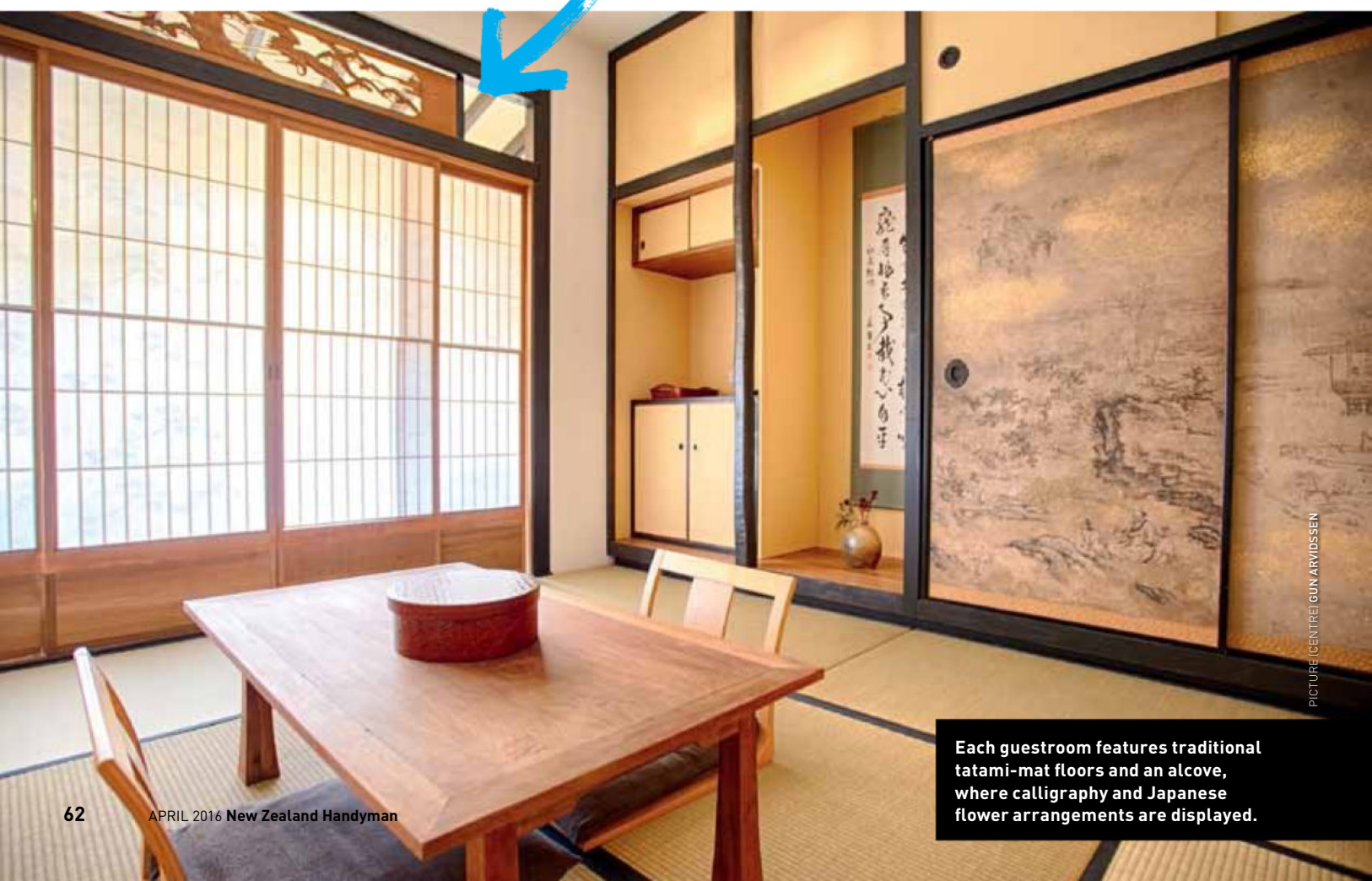
'It was once part of a house in Mosman and now it's a door in Balmain. I love the idea that the timber has another history,' she says.

'The process made me think of a flowing river. It turns and turns, and you really never know what's going to happen.'

Taking advantage of all the opportunities allowed Linda and Steve to create a ryokan whose authenticity resonates in every detail.



Most of the accessories are sourced from Japan. **BELOW** The intricately carved transoms, called ranma, are from a Japanese antique dealer.



Each guestroom features traditional tatami-mat floors and an alcove, where calligraphy and Japanese flower arrangements are displayed.



The verandah of the Pine Room, or Matsunoma, opens onto the exquisitely created traditional garden.

Attention to detail

The furniture, decorations and crockery are sourced from Japan or local secondhand dealers.

'We set out the two guestrooms as traditionally as possible. Each features a tokonoma, an alcove where ikebana (Japanese flower arrangements) or calligraphy pieces are displayed,' says Linda.

But beneath the surface of the perfectly executed decor lies a high-tech infrastructure.

'I'm an IT programmer, so right from the very start I wanted to use cutting-edge technology,' says Linda.

'My office is located upstairs and everything is star-wired from there.'

Track lighting systems have been cleverly integrated into the cladding of the structural beams in the dining room and lobby area.

The guestrooms and bathhouse feature concealed sound systems that play soft and soothing Japanese background music on demand. ➤

Lightweight sliding doors conceal a lavishly appointed bathroom in each guestroom.





Behind the majestic bathtub, multi-fold windows open onto a garden featuring a lovely camellia, with privacy ensured by slatted timber screening.



ABOVE Hinoki timber was used to make the bath, which creates its own exotic atmosphere. **LEFT** The timber was elegantly finished with finely-tuned planes.



Soaking in style

The star attraction of Gojyuan is the bathhouse. The bath is a spectacular focal point, with the exotic fragrance of water-warmed hinoki timber creating a dreamlike atmosphere.

‘We were originally going to have a slate bath because we couldn’t really afford anything else, then the opportunity arose for us to provide something better, and hinoki timber was the obvious choice,’ says Linda.

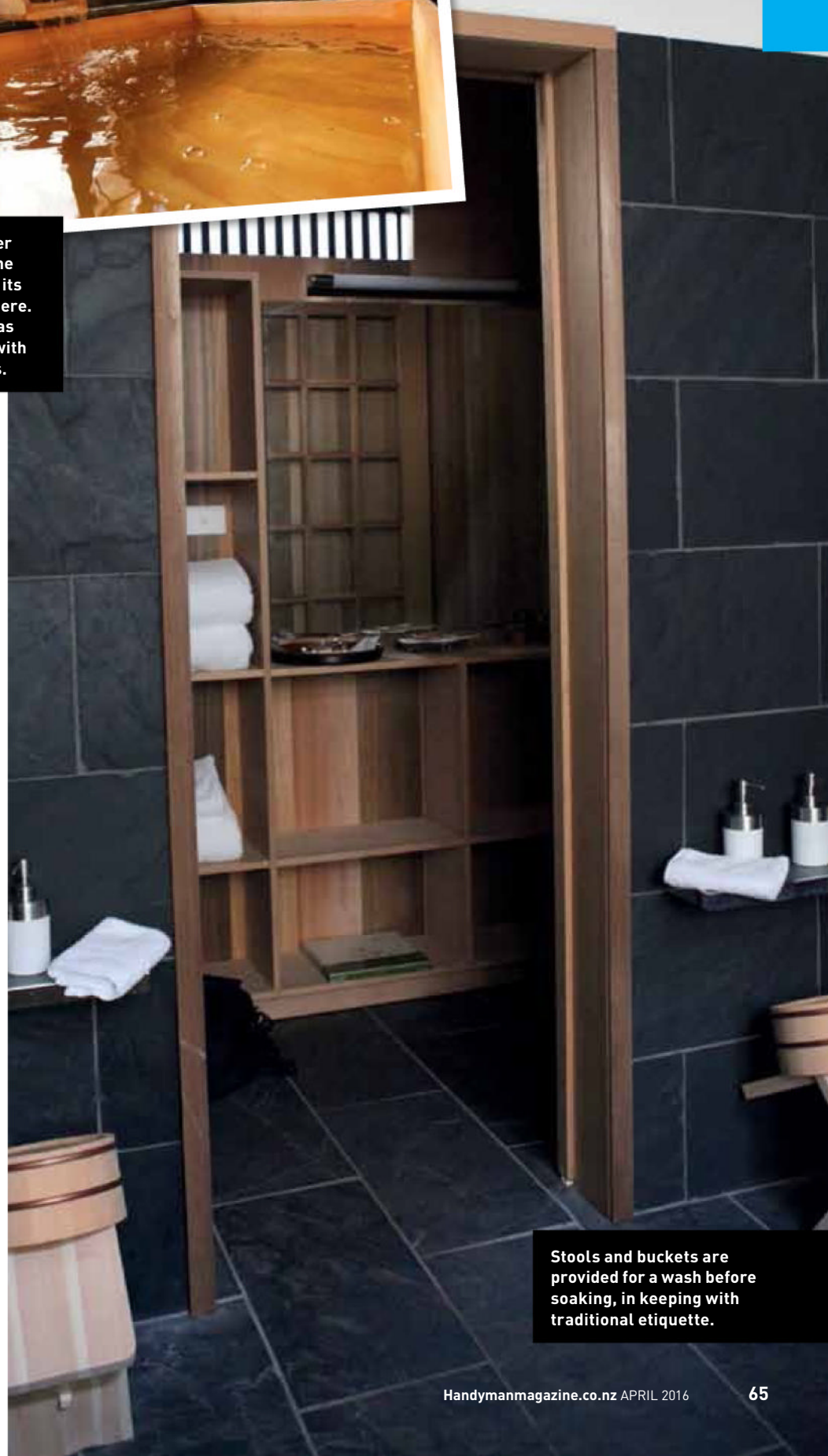
The bath was custom-built by a Japanese company called Hinoki Soken, and on a trip to Japan, Linda and Steve visited the factory.

‘One of my fondest memories was seeing a Japanese artisan hand-planing a circular bath. The planes are so finely tuned that each shave is translucent. It’s just beautiful,’ she says.

‘Once the timber has been planed, you don’t even have to sand it, as the finish is already superb.’ ➤



Japanese baths are designed for soaking and relaxing rather than cleansing the body



Stools and buckets are provided for a wash before soaking, in keeping with traditional etiquette.



A pond filled with ornamental koi fish meanders through the grounds.

Serene and green

One of the most noticeable qualities of Gojyuan is the sense of calm, and nowhere is this feeling more pervasive than in the meticulously crafted garden.

‘The sound of running water is very peaceful, and it was always going to be a major part of the garden,’ says Linda.

The groundcovers and feature plants make it hard to believe you’re in Sydney, despite the locally sourced sandstone.

‘Outside the back guestroom, which faces south, the moss is really coming on. In Japan, moss is everywhere.

‘We have a lot of Japanese maples, and the idea is to highlight the change of seasons, even if Sydney is a little too temperate for us to really gain the fullest autumn tones,’ she says.

While any Western visitor is sure to be awestruck by Gojyuan, there is a higher seal of approval that Linda is particularly proud of.

‘An elderly lady visited us once, an experienced tea person, dressed in a kimono. She said, “When I heard this place was run by an Aussie, I was expecting something totally different. But this is like my home in Kyoto.”

‘To me, that’s the best compliment I could receive, as it means she could see what’s gone into it. And that’s us, and our passion for Japan,’ says Linda.

It takes vision and perseverance to create a space that can pass such a test of authenticity, but as Linda has shown, it is a completely achievable prospect, even without a massive budget. 🌟



The use of running water is an essential way to imbue a space with serenity



A timber walkway beside the pond and Japanese maple grove leads from the lobby and dining room to the guestrooms and bathhouse.

As if occupying a parallel dimension, Gojyuan is an oasis of tranquillity despite its location at the heart of a bustling suburb.



STEAL THIS STYLE

Use natural earthy tones when you want to replicate a traditional Japanese colour scheme.

Linda Evans
Owner and hostess



Stylist
Contemporary
Smooth WOODGRAIN
Durable *Modern*
Classic



adorable style by **Hume**

DOOR UPGRADE

Revamp an entry for a new look and to boost security

WORDS DANIEL BUTKOVICH

Modernising the doors in your home can be a simple and cost-effective way to create a fresh, new look while improving privacy and security.

Designer doors create a great first impression upon entry and help reinforce the style of the home.

Replacing a door, repainting an existing one or installing new handles can all be done DIY. ➤



For an instant impact on a budget, repaint the door and add new handles

WHAT YOU NEED



Ryobi Door Lock Installation Kit, \$33.
ryobi.co.nz



PPG Easycoat Doors & Trim Interior Gloss White Paint, \$65 for 4L. ppgpaints.co.nz



Ozito 18V Cordless Drill Driver, \$98.
ozito.co.nz

Create a great first impression with an updated door.



CHOOSE A DOOR



Hume Ascot Four-panel Internal Door, 1980 x 810 x 35mm, \$115. doors.co.nz



Hume Accent Internal Door, 1980 x 810 x 35mm, \$110.

INTERIOR

The entrance to a room sets the mood, so an interior door should enhance the look of your space.

Interior doors can be basic to provide a blank slate for paint that matches your colour scheme. They're also available in a range of panelled designs to suit the style of your home.

Most interior doors feature a hollow-core construction and are 35mm thick. The standard size of a door is 1980 x 810mm, but suppliers can provide them in other sizes.



Update an entry by installing a new door, hanging it DIY to save money

EXTERIOR

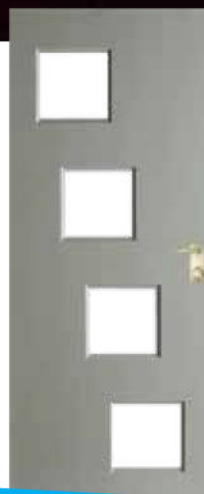
With years of exposure to wind, rain and harsh sunlight, exterior doors can end up looking faded and weathered.

Luckily, it's simple to swap your door for a modern model that will withstand the elements.

Exterior doors must be stronger than interior models, and most are

made from solid wood. Aesthetics can't be overlooked, as a front door is often the first thing visitors see when entering your home.

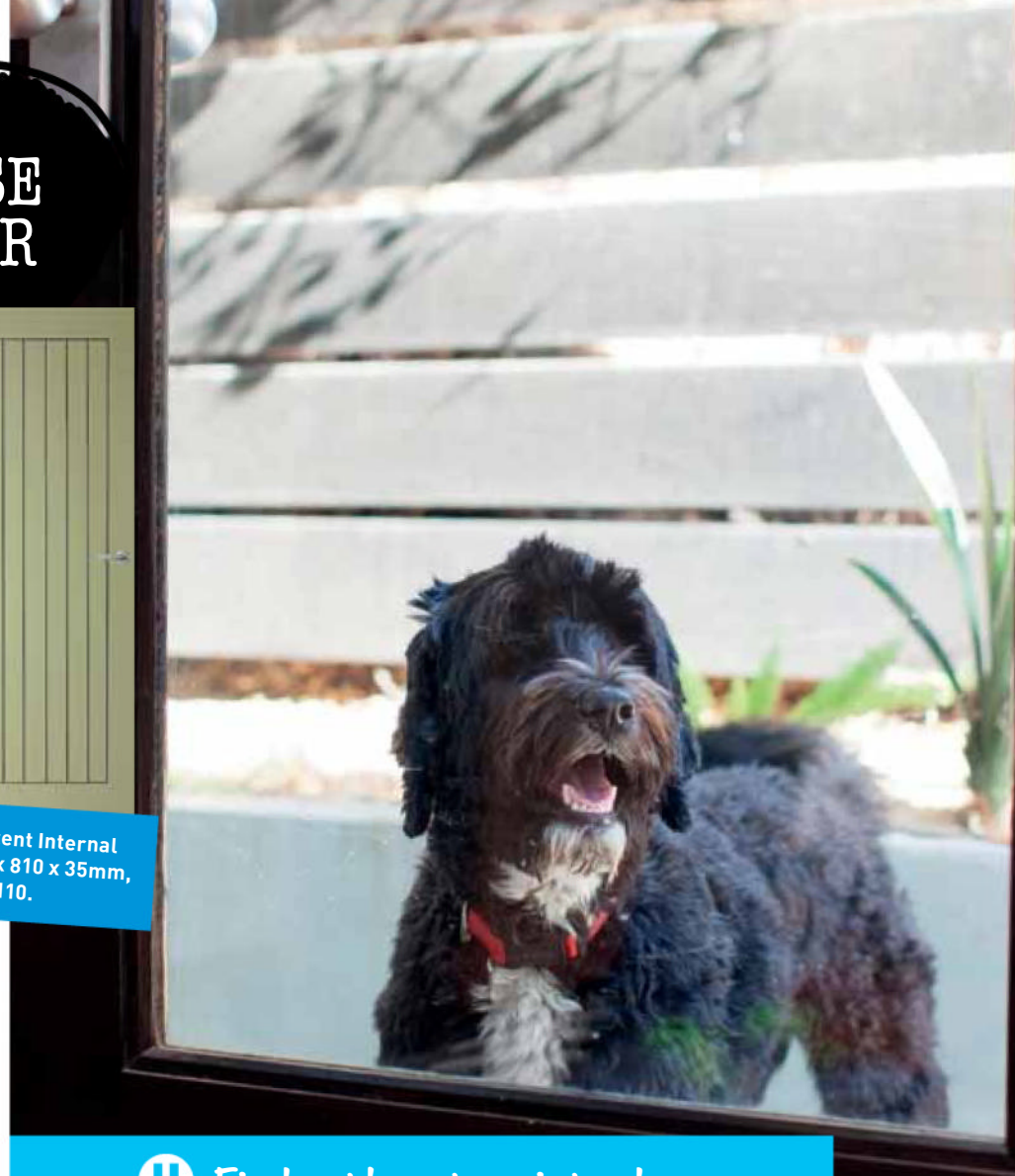
Glass panels allow light to enter the home while adding character, and they can also be frosted for additional privacy. >



Hume Nexus Entrance Door, 1980 x 810 x 40mm, about \$462.



Hume Regency1 Entrance Door, 1980 x 810 x 40mm, about \$746.



Find out how to paint a door

Watch the video handymanmagazine.co.nz/door-paint



The old way in is on the way out. With Schlage Touch™, no key means there's nothing to lose, nothing to fiddle with, and—for intruders—nothing to pick. All in a slim profile that's every bit as sleek as it is strong.

The keyless era starts at schlage.co.nz



STRONG HAS A NAME.™

ADD NEW HANDLES

Schlage Regent Boston Satin Chrome Plate Privacy Set, \$61. schlage.com

Sylvan Houston Satin Chrome Plated Passage Lever Set, about \$35. sylvan.co.nz

INTERIOR

Sometimes, all it takes to modernise a room is a new door handle. It's surprising how much of an impact it can make, especially when paired with a new coat of paint.

Door furniture complements the architecture of your home. Matching the clean lines of a new door with sleek steel handles creates a cohesive, modern look.

TIP Interior handles with locks can add privacy to bedrooms.



Lockwood Nexion Keyless Entry Lockset, about \$580. assaabloy.co.nz



Gainsborough Double Cylinder Matt Black Trilock, \$398. miles-nelson.com



H Find out how to install a new handle
Visit handymanmagazine.co.nz/new-door-handle



Xcel Digital Satin Chrome Entrance Lock, about \$107. celawford.co.nz

EXTERIOR

Exterior handles need to be more robust to provide additional security.

Technological advances have revolutionised these handles, with convenient features like electronic keypads, remote controls and fingerprint recognition becoming standard inclusions.

These increased security features improve home safety, and modern designs protect your home without making it look like a fortress.

SECURITY DOORS

It's worth considering a security door when replacing an old screen door, as it adds an extra layer of defence against intruders yet still allows airflow.

Steel doors are the strongest, while aluminium mesh is lightweight and less prone to corrosion. One-way security mesh adds privacy, letting you see out, but preventing others from looking in.

TIP Ensure your security door meets New Zealand Building Standards. 🌟

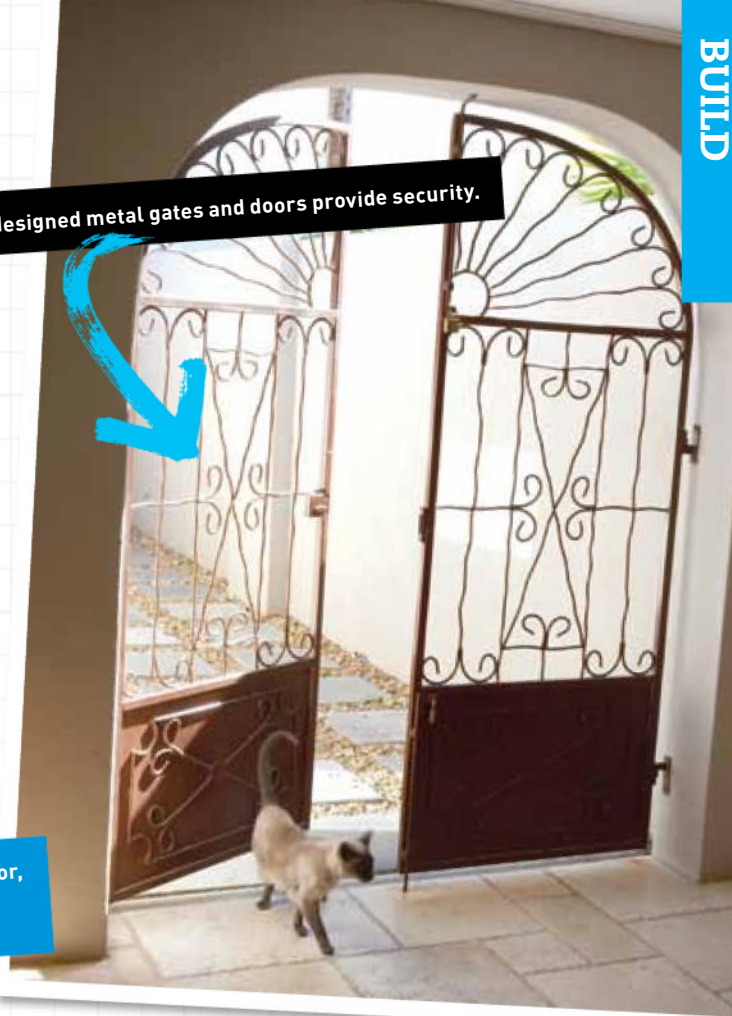


Create ventilation without compromising on protection from bugs and burglars



Bastion Classic Screen Door,
1980 x 860mm, \$245.
hartmangroup.com.au

Custom-designed metal gates and doors provide security.



PICTURE (MAIN) AUSTRAL

THE MECHANIC IN A CAN



Protects and shines chrome

Lubricates door hinges

Frees jammed wheel nuts

Removes dirt from brake cables

Prevents corrosion on engines and undercarriage

Lubricates and frees stuck hose fittings

Removes bugs, tar and sap

Excellent lubrication for front struts

Lubricates linkage points in transmissions

Displaces moisture from ignition system and electronic parts

www.wd40.com.au



DESIGN TIP

When choosing a door colour, consider the style of your home as well as the look of other houses on your street.

White walls provide a great contrast for a bright blue door.

Bold doors

Transform your entrance with paint to create a stunning first impression

WORDS DANIEL BUTKOVICH

There is no renovating technique that offers more bang for your buck than painting.

It's a simple and easy way to transform both the interior and exterior of the home, and it's well within the skill level of any DIYer.

Plus, you don't need to paint the whole house to change the look.

Painting the front door is a fun way to add colour to the exterior, and gives a home instant character.

The hardest part is choosing the colour, but happily there is a shade to suit every architectural style.

TIP Bold colours are best for external doors, as bright sunlight can make lighter shades appear faded. ➤

WHAT YOU NEED



Dulux Aquanamel Deep Base Gloss Enamel Paint, \$77 for 2L. dulux.co.nz



Monarch 130mm Doors, Windows & Trims Roller Kit, \$16. austbrush.com.au





A coloured door on a modern home can liven up a minimalist monochrome exterior.

DIY TIP

Use a good-quality brush to paint any grooves or trim first, then coat the flat surfaces of the door with a roller.

Paint palette

Even with all the thousands of paint colours out there, most of us still go for a shade of white on walls.

The easiest way to inject colour into your interior is by painting the doors, whether you want them to blend in or stand out as features.

For a complementary scheme, select colours based on the existing elements in a room such as furniture and artwork. But for visual effect, use a colour that pops against the walls.

Test colours in the space using sample pots, as paint can look different to the swatch, and colours can change depending on the lighting conditions and the undercoat of the surface. 🌟

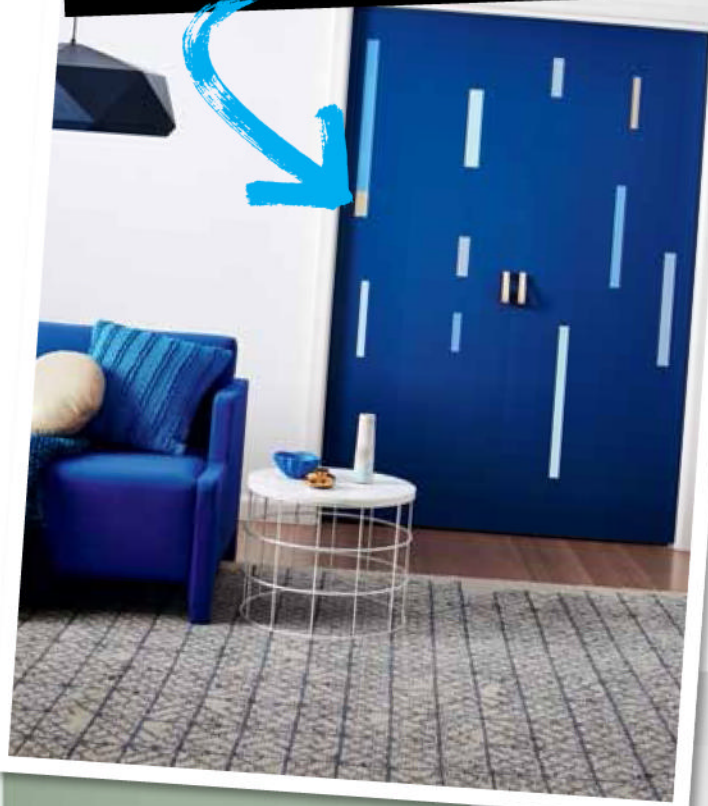


The same colour can look different under natural, fluorescent, or halogen lighting

These black French doors frame the garden views, bringing the greenery inside and making it the focal point.

Pastels work in period homes with an all-white scheme.

Break up dark double doors with decorative detail.



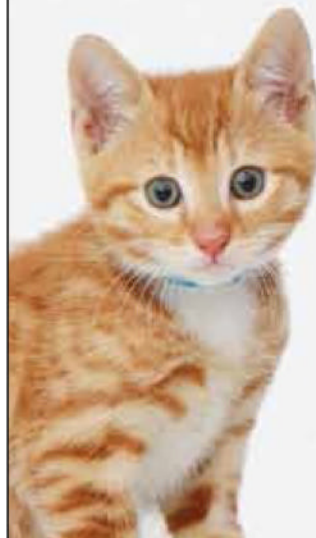
guardians
TAKING ACTION FOR ANIMALS

Will you be our Guardians?



Taking action for animals

Each year SPCA Auckland helps more than 15,000 sick, injured and abandoned animals. With no funding from the government we rely on supporters in the community to help us do our work.



SPCA Guardians are a special group of regular monthly donors who help us take action for animals in five key ways:

- 🐾 Prevent cruelty
- 🐾 Rescue
- 🐾 Rehabilitate
- 🐾 Shelter and rehome
- 🐾 Seek justice

For more information about becoming an SPCA Guardian, please visit our website www.spcaauckland.org.nz email guardians@spca.org.nz or phone 09 256 7307

INSTALL A DOOR

If you're replacing an internal door or hanging a new one, mounting it to the jamb is an easy DIY job.

First, test-fit the door in the frame and check that there is at least 2mm clearance at the top and sides.

If the door is too wide or tall, trim it on the hinge side or from the base, using a power planer.

What you need

Internal door
Drill and drill bits
Tape measure
Wedges
Hammer
Hinges and screws



Panelled doors suit both modern and traditional homes.

Watch the video 'How to Hang a Door' at bunnings.co.nz/diy-advice

1 2 3



1 Attach the hinges

Mark the position of the hinges on the edge of the door 200mm from the top and 300mm from the base. Drill pilot holes and attach the hinge with screws.

TIP If the hinges need to be recessed, score the outline with a knife, then use a sharp chisel to remove the waste.



2 Fit the door

Position the door perpendicular to the frame. Level the door using wedges, ensuring there is 2mm clearance at the top and the hinges are sitting square on the jamb. Drive the top screw into the top hinge, check for level and adjust wedges as required.

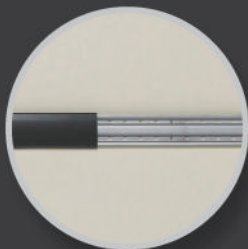


3 Hang the door

Once the door is level, drive the top screw into the lower hinge. Remove the wedges and check the door shuts properly. If it doesn't, remove the lower screw, adjust the wedges, then reattach. Secure the hinges with the remaining screws when the door hangs flush.



1. Determine your storage needs



2. Hang the FastTrack Rail and snap on the plastic cover.



3. Snap shelving and accessories onto FastTrack Rails.



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GARAGE FIT-OUT

Sort out this multifunctional area with easy-to-implement storage systems

The average family garage is often a messy dumping ground for tools, sports gear, gardening equipment and old toys, leaving no room for a car or projects.

Building a custom storage system to clear the clutter and free up space for the perfect DIY cave is simple.

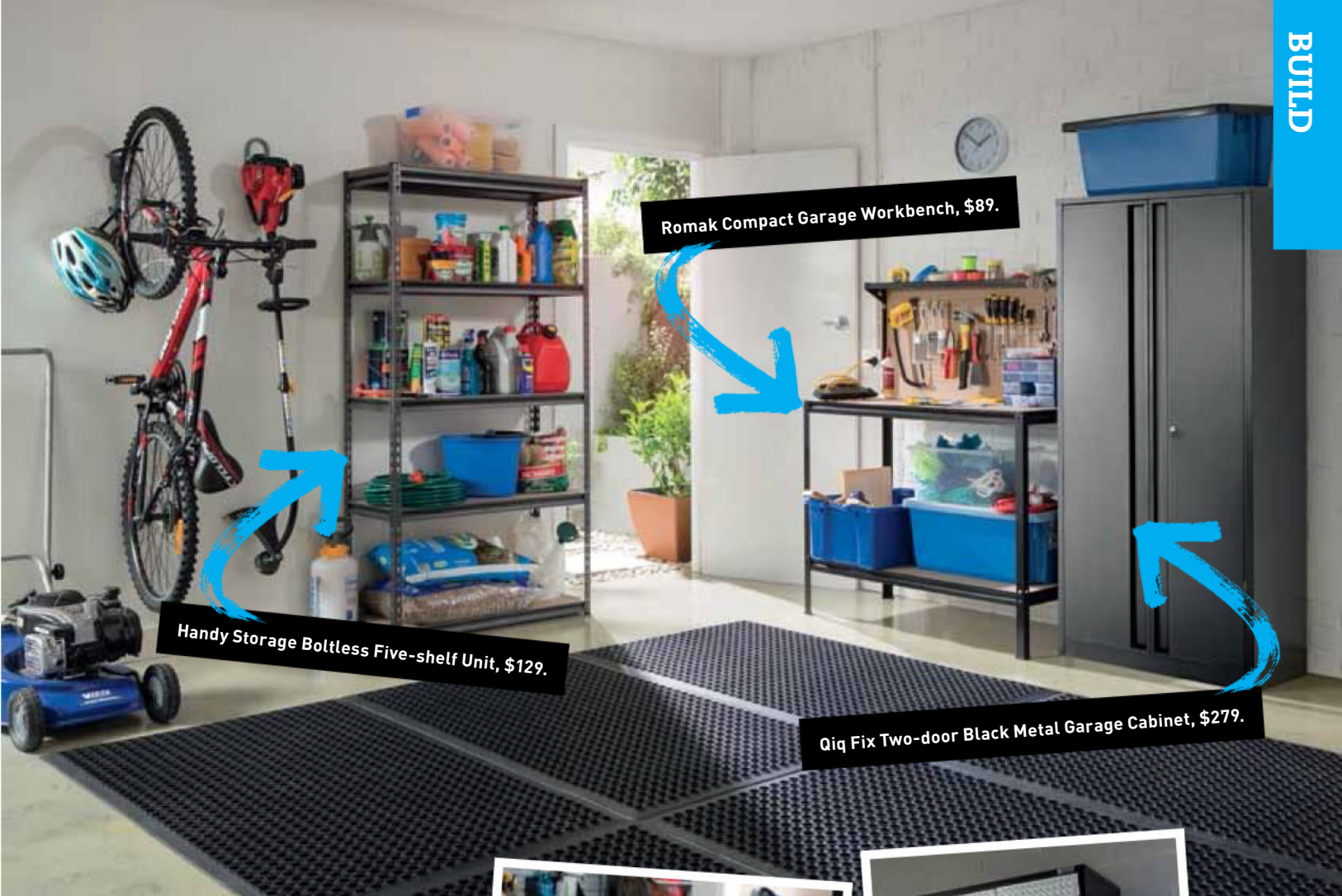
For a functional work space, select a durable workbench and pick out accessories, such as a pegboard, to hang hand tools within easy reach so the bench is clear for use.

TIDY TIP

Organise spare parts in a drawer by using plastic containers and labelling the hardware, sizes and finishes on each.



Reclaim the floorspace in your garage by adding drawers and cupboards.



Romak Compact Garage Workbench, \$89.

Handy Storage Boltless Five-shelf Unit, \$129.

Qiq Fix Two-door Black Metal Garage Cabinet, \$279.

Safe and secure

A metal garage storage system is a fantastic way to keep power tools and chemicals secure, while creating a work space for DIY projects. The stylish, functional Ultimate range offers shelves, cabinets and drawers.

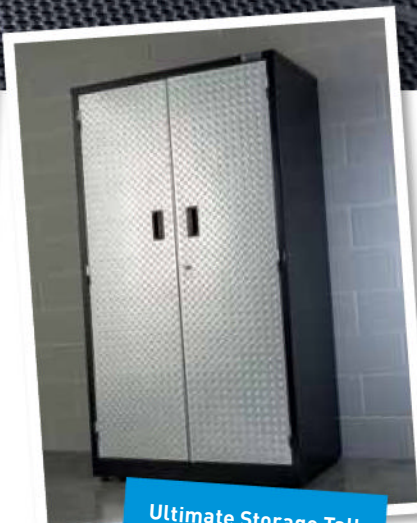
Shelving is an essential part of any organised garage. A five-tier system utilises vertical space while leaving plenty of room in a single or double garage for a car. Add tall cabinets for lockable storage space.



Invest in a sturdy roll out cabinet with drawers to keep small items like tape measures within reach



Ultimate Storage Two-door Under Bench Tool Chest, \$349.



Ultimate Storage Tall Cabinet, \$569.



Ultimate Storage Five-drawer Under Bench Tool Chest, \$429.



Ultimate Storage Garage Workbench, \$489.

RAISED VEGIE BED

Use timber sleepers to create a simple no-dig patch for growing edibles

PROJECT AND PICTURES ADAM WOODHAMS

Autumn is a great time to start growing vegetables but, even with the cooler weather, digging a patch can be a chore.

We built and planted a raised 2.4 x 1.2m garden bed in just a day using timber sleepers and metal posts. Holes had to be dug for the posts, but the sleepers were then simply slotted in.

This bed was for growing edibles, so we chose a location that received at

least 4-5 hours of direct sunlight a day and wasn't exposed to a lot of wind.

Herbs and annual flowers could be grown instead of vegies, but if you're planning to use the bed for other types of plants, choose a site with sun levels that suit the species being used.

The best thing about this project is that you only need basic skills and tools, and you can plant seedlings to get a jump-start on your crops. ➤

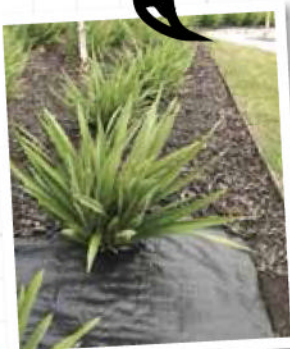
ADAM'S PICKS



Buildex 14-10 x 100mm Bugle Head Batten Timber Screws, \$20 for 25, from Bunnings.



Ryobi Airwave Wide Crown Stapler, \$90. ryobi.co.nz



Coolaroo 5m Prepacked Weed Control Mat, about \$5. coolaroo.com



Cemix Fastcrete, \$10 for 20kg. cemix.co.nz



Whites Outdoor 450 x 50mm Retain-iT Corner Post, \$25. whitesgroup.com.au



Before

What you need

- Timber planks
- Metal corner posts
- Quick-set concrete
- Hex head timber screws
- Bugle timber screws
- Weedmat
- Pea straw

SAFETY TIP

Use ACQ-treated pine or new untreated hardwood for a vegie or herb bed, not salvaged railway sleepers or CCA treated pine.

After

Planted with vegetables, the bed has turned an unused corner into a productive space.



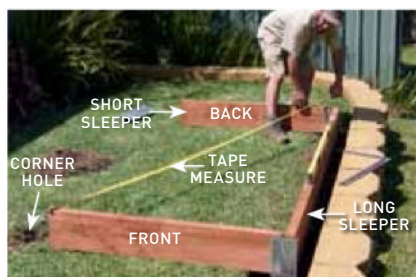
Watch Adam build this vegie bed
Head to handymanmagazine.co.nz/raised-garden

BUILD THE RAISED BED



1 Set out the corners

Dig the first corner post hole to about 200mm deep and drop in a post. Add the concrete, checking for plumb. Slide an uncut 2400mm sleeper into the post, using this to mark the location for the second post hole, then dig the hole.



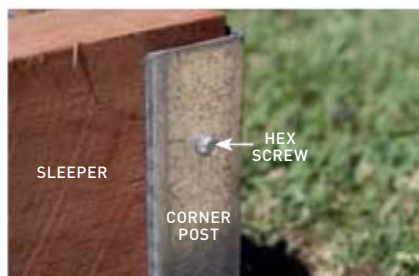
2 Measure the diagonals

Add the second corner post to the new hole, keeping it plumb, then pour in the concrete. Cut a 2400mm sleeper in half and slot into the corner posts. Measure the diagonals, adjusting the short sleepers until they are equal.



3 Install the posts

Mark and dig the last two post holes. Position the corner posts in the holes, then slot the final long sleeper in between them. Check for plumb and level before pouring concrete to secure the corner posts in position.



4 Secure the sleepers

Mark 20-30mm from the top edge on each face of the metal corner posts and 100mm below this mark. Pre-drill two holes on each face using a 4mm bit. Secure the sleepers to the posts using 12g x 25mm hex head screws.



5 Lay the weedmat

Cut weedmat to about 400mm wide, then cut two strips to 1200mm long and two strips to 2400mm long. Use a stapler to secure the weedmat to the short and long sleepers about 40mm down from the top edges.



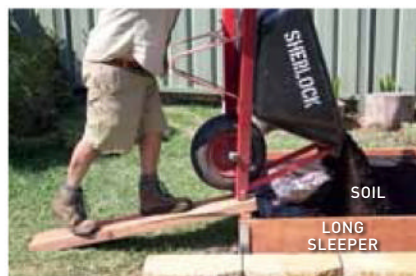
6 Add a cross brace

Cut a sleeper to 1200mm long. Find the centre of the bed and mark the long sleepers, position the cross brace and secure to the long sleepers using 10-14g x 100mm bugle screws to prevent the long sleepers bowing.



7 Lay the newspaper

Ensure the weedmat is pulled out over the grass and not folded back. Lightly wet sheets of newspaper by dunking them in a bucket of water, then lay about 8-10 sheets to cover all of the exposed areas of the bed.



8 Fill with soil

Add the soil to the garden bed, filling it almost to the top. Use just over half a cubic metre of soil for a bed this size. **TIP** The most economical way of buying soil for a job like this is to order it from a landscape supplier.



9 Plant the vegies

Prepare the soil, then plant the vegies, watering and mulching well. Add stakes to plants such as tomatoes at planting time to avoid root damage later on, securing your new plants to their stakes with budding tape.

LAWN BORDER

Securing weedmat to the sleepers around the border of the raised bed works as a long-term barrier to any grass that may start to creep in from the surrounding lawn.

Laying newspaper across the rest of the bed base smothers the grass and prevents it from rising into the bed. Paper breaks down into useful organic material in about three months.

TIP An organic mulch such as pea straw also adds nutrients to the soil.



For a set-and-forget garden bed, install a drip-irrigation system with a timer before planting

HARVEST FOR LONGER

Succession planting is a great way to stretch what may normally be a 2-3 week harvest period out to 2-3 months.

Tomatoes are a great choice for smart succession planting. Simply plant seedlings, semi-advanced plants and advanced plants at the same time, or plant second and third rounds of seedlings 3-4 weeks apart. 🌱

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MULCH ESSENTIALS

Here's the easy way to win the war on weeds and save water in the garden

WORDS AND PICTURES ADAM WOODHAMS

Mix river pebbles, crushed quartz and bark mulches for a landscape with visual interest.

Cost effective, sustainable and great looking, mulch is a must for any garden, with the many benefits far outweighing the cost and minimal time it takes to lay it.

Mulching saves water by reducing evaporation and runoff, prevents soil erosion from wind and water, and provides insulation, keeping plant roots at a more stable temperature.

You can use organic mulches such as pea straw that break down and add nutrients to the soil, or go for inorganic types such as pebbles that last longer and have more of a design aesthetic.

All types suppress weeds and make any that do pop up easier to remove.



Adam

EXPERT SECRETS

Buying mulch in bulk from a local supplier saves money when mulching a larger yard.

HOW MUCH DO YOU NEED?

Garden mulch is available to buy by the bag, the bale or in bulk.

If you're using mulch comprised of organic materials, you'll need enough for a layer about 50mm deep. For pebbles or gravels, you'll need enough to get quality coverage, which varies with the material size.

When applying, don't push mulch up against trunks or stems as this can lead to rot and insect attack.

The area they are intended to cover is indicated on most bags or bales of organic mulch, but you first need to know your surface area.

This is as simple as measuring length by breadth, so a 4 x 5m bed will have a surface area of 20sqm.

When buying mulch in bulk from a landscape supplier, you have to order it by the cubic metre.

To calculate the cubic volume, multiply the surface area by the depth, in our case 50mm. For a 20sqm bed, the volume needed will be one cubic metre ($20 \times 0.05 = 1$).

If you remember that one cubic metre covers 20sqm, you will be able to estimate the amount of mulch that you need in no time. ➤



Laying mulch is the garden equivalent of giving the house a fresh coat of paint

ADAM'S PICKS



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TYPES OF MULCH

Organic varieties

Natural materials such as pine bark or leaf compost are called organic mulch, as they add nutrients and feed the soil as they gradually break down.

But to break down harder bark or woodchips, micro-organisms borrow the nitrogen in soil that plants need for healthy growth. To stop nitrogen drawdown, lay composted manure or straw under these mulch types.

GROW TIP

Newspaper or cardboard laid under organic mulch helps suppress weeds and breaks down, adding organic matter to soil.



1 Pine bark

These mulches or nuggets are available in a range of sizes and will take 18-24 months before they need replenishing. Pine bark will induce nitrogen drawdown.



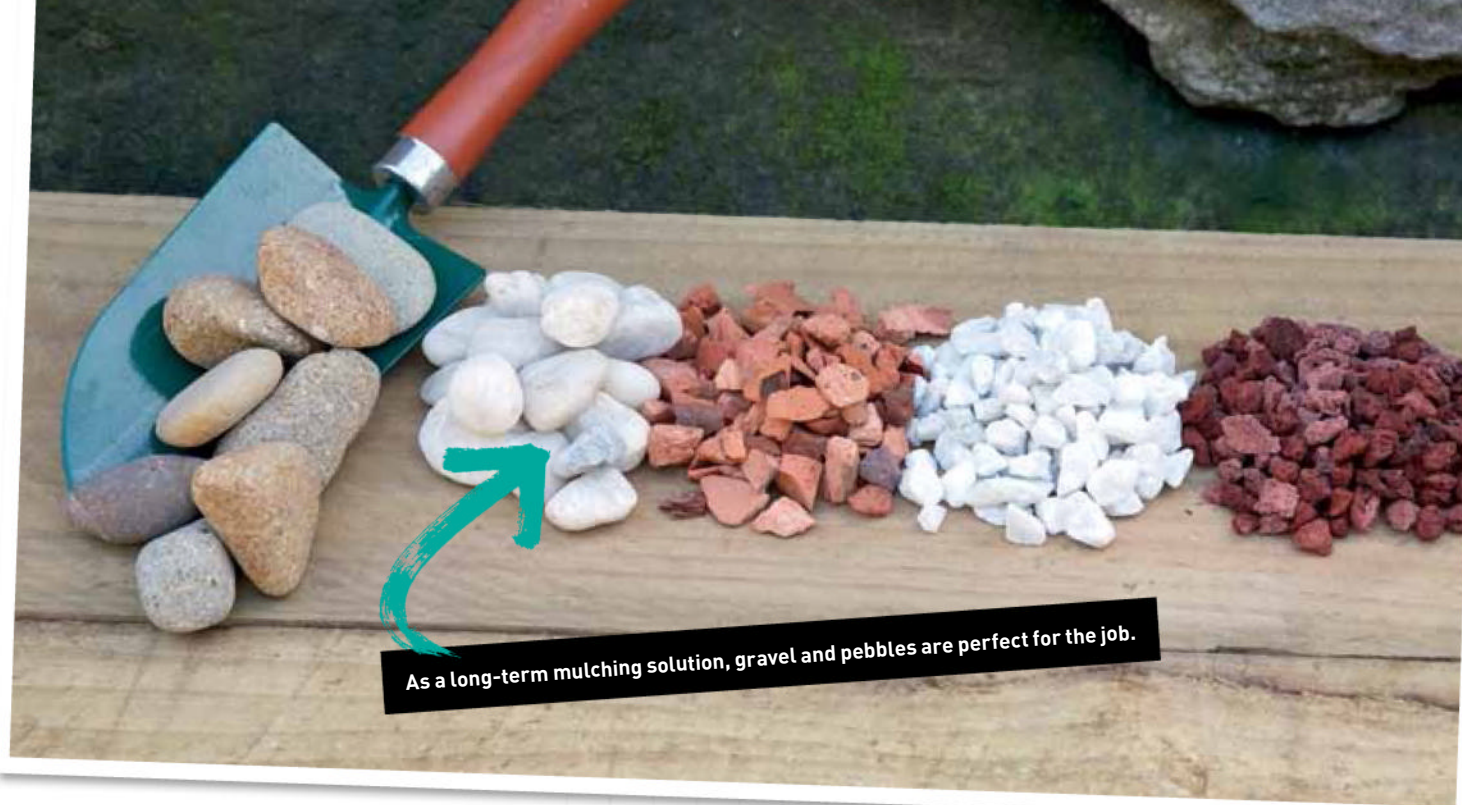
2 Pea straw

Excellent for spreading evenly over a wide area, pea straw is also suited for bulking up along rows of small seedlings. It helps with moisture retention.



3 Soft fall

A fine pine bark mulch that is partially composted, soft fall is ideal for children's play areas due to its softness. It is generally available in bags or bulk.



As a long-term mulching solution, gravel and pebbles are perfect for the job.

Inorganic varieties

Pebbles or gravels, available to buy bagged or in bulk, are generally described as inorganic mulches.

These mulches are long lasting and decorative, and only needed to be topped up every few years.

They do the same job as organic mulches with water-saving and weed control, but won't break down or add organic matter or nutrients to soil.

HOW TO MULCH

- ① **REMOVE** all weeds from the area, making sure you get the roots as well.
- ② **SPREAD** a quality manure or compost over the entire area, then add a controlled-release fertiliser such as Osmocote Plus Organics.
- ③ **WATER** the area well, then spread mulch evenly to a depth of at least 50mm, ensuring it is not pushed up against the stems or trunks of plants. Water the area well to finish. 🌱



4 Leaf litter

Ideal for large gardens, leaf litter is a blend of woodchips and leaves that will need replenishing every 12-18 months. This mulch may cause nitrogen drawdown.



5 Seaweed

Readily available with just a little time and effort from a beach near you, seaweed looks after the soil by providing beneficial nutrients as it breaks down.



6 Meadow hay

Great for vegies and flowers, garden-grade hay breaks down quickly, adding nutrients to the soil. You can lay it under other mulches to reduce nitrogen drawdown.

SPRUCE UP AN OUTDOOR SETTING

Breathe new life into timeworn patio furniture by refinishing the surfaces

WORDS AND PICTURES MELISSA DARR

DIY blogger Melissa Darr bought this metal outdoor table setting from a garage sale nearly a decade ago, and it was now starting to show its age.

With unsightly flaking paint and rusty spots, it was looking the worse for wear. But as the table and chairs were still structurally sound, she was determined to bring them back to life.

After giving the setting a good clean and removing the flaking paint, a new paint finish was applied.

'The table and chairs just needed a little bit of cosmetic work to make them look brand-new again. We're hoping we can get another 10 years or more out of them,' says Melissa.

Melissa



EXPERT SECRETS

To prevent falling leaves or dirt from sticking to wet paint, make sure you work in an area that is under cover.



PAINTING METAL

Melissa and her husband Bevan began the project by stripping the setting of any flaking paint.

Using a grinder with a wire brush disc, Bevan ground back all the old paint on the table and chairs to reveal the aluminium base underneath.

The metal was thoroughly cleaned to remove any dust, then it was left to dry before being painted.

Melissa used rustproof paints, applying one coat of primer and two coats of spray paint, allowing it to dry thoroughly in between coats.

SAFETY TIP

Always wear appropriate eye protection and a respirator when using spray paints and work outdoors, if possible.

After

The revitalised table setting has become an elegant hub for this outdoor terrace.



Get more DIY from Melissa
Follow her blog thewhimsicalwife.com

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CARING FOR POTTED PLANTS

Give your container garden a little special attention and watch it thrive

WORDS CHERYL MADDOCKS

As well as bringing colour and life to the garden, potted plants are great decorating tools, as they soften the look of bare spaces and provide more opportunities to be surrounded by flowers and greenery.

You can use containers on balconies to enhance an outdoor living area or put a flowering pot plant at your front door to create an inviting entrance.

Even shady spots in the garden can be jazzed up with pots of ferns or colourful foliage plants.

So let your creative juices flow, as gardening is an art after all.

PICTURE/ISTOCK

CHOOSE A CONTAINER

There is a wide range of fabulous stone, plastic, timber, glazed and unglazed terracotta, and steel pots available in a variety of colours.

Select styles to go with your garden design and that blend in with wall colours and surrounding brickwork.

Reflect the mood of your garden in your choice of containers. A collection of pots of varying sizes, colours and textures often suits a cottage or country garden. In urban settings, bold pots and planting styles can be more effective.

Wide rather than high containers suit low-growing plants while large pots can feature dramatic architectural plants. Square pots look good filled with round, clipped plants. >



The size and shape of pots can determine the planting

HEALTH TIP

Take care when opening a bag of potting mix. Read the safety instructions and don't inhale the air that comes out of the bag.

Always wear gloves when handling potting mix.



ROOT-BOUND PLANTS

When they've been in pots for too long, plants become root-bound, and the roots fill the pot, circling around inside.

Gently tease out the roots from the potting mix, then cut off any that are damaged, as well as 25-50mm of solid roots at the base.

Repot the plant in a larger pot and put it in a semi-shaded area for a week so the plant can establish, then move it to its intended location.



Stand containers on pot feet to assist drainage and prevent staining pavers

1 2 3

REPOT A PLANT It's a good idea to repot plants every three years. This should be done, even if the plant hasn't outgrown its pot, as the potting mix degenerates and needs renewing. New plants from a nursery usually need repotting in a larger pot.



1 Add the potting mix

Transplant the plant into a larger pot so it has room to grow. A plant that is growing in a 20cm pot will need to be planted in a 25cm pot. Partially fill the new pot with potting mix, then remove the plant from the old pot.



2 Position the plant

Check the rootball of the plant and trim off any twisted or broken roots. Position the plant so that it sits at the same level as it did in the original pot, adding or removing potting mix as needed.



3 Top up with mix

Fill around the rootball with potting mix using a trowel, firming it in at the roots and making sure the mix is about 25mm from the rim of the pot so water will not spill over the edge. Water well and top up the potting mix if it sinks.



PLANT PICKS

From sunny spots to windy balconies, there's a plant for any situation.

➤ **SHADE** Azalea, aspidistra, begonia, clivia, bromeliad, camellia (small cultivars), hostas, impatiens, ferns, dianella and lomandra.

➤ **SEMI-SHADE** Cordyline, bromeliad (morning sun only), liriopse, dracaena, camellia (small cultivars), fuchsia, and daphne (morning sun only).

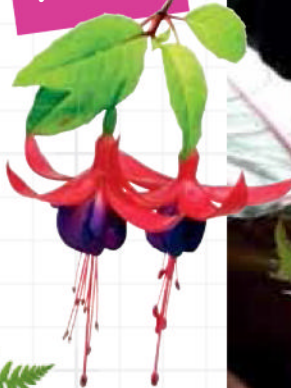
➤ **SUN** Agave *attenuata*, nasturtium, gardenia, salvia, lavender, geranium, grevillea, kangaroo paw, flax, verbena, petunia, pansy, succulents and vegies.

➤ **WIND** Bay, olive, oleander, flax, New Zealand cabbage tree, hebe, lomandra cultivars, dianella, geranium, westringia, rosemary, succulents, *Murraya paniculata*, bird of paradise, lavender and *Yucca elephantipes*.



Camellia

Fuchsia



Fern



Bird of paradise



Nasturtium

Avoid damage

It's important to take care when removing a plant from its pot or you may damage the stems or roots.

To remove it from a plastic pot, put one hand around the plant base and invert the pot.

Lift the pot off with your other hand and, if the plant doesn't slide out easily, squeeze the sides of the pot or tap the sides against a hard surface.



Pot basics

There's only one rule when choosing a pot, if it holds soil, you can grow a plant in it.

Drainage is the essential factor so if the pot lacks drainage, drill a few large holes in the base.

Large pots hold water better and are bolder in appearance than a variety of small pots. And large pots and troughs work best on windy balconies, as they don't dry out as rapidly as small ones.

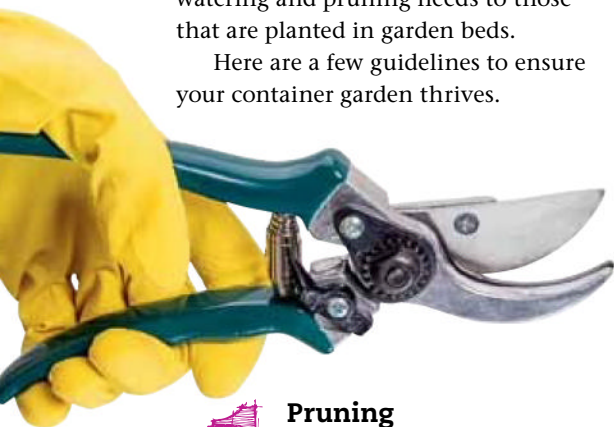
Water frequently as dry potting mix becomes lighter and makes pots prone to blowing over. ➤



KEEP THEM THRIVING

Potted plants have different feeding, watering and pruning needs to those that are planted in garden beds.

Here are a few guidelines to ensure your container garden thrives.



1 Pruning

Shrubby plants need regular tip-pruning to encourage dense growth and to keep them looking good. Many shrubs can be clipped into a ball or topiary shape for a formal look.



2 Feeding

Potting mixes contain enough food for a short time, but then you need to regularly apply a controlled-release plant food that will feed your plants for three-, six- or nine-month periods. You can also use granulated or complete soluble fertilisers, or add a layer of compost or manure to the surface of potted plants.



4 Deadheading

Flowering annuals look fabulous in containers and flowers can change with the seasons. Keep them looking their best by regularly removing dead blooms and leaves.

Glazed pots hold moisture longer than unglazed ones

3 Watering

Water pots deeply until it runs out of the drainage holes. You'll be able to work out a routine based on the weather. In the warm months, you will sometimes need to water daily.



Water-saving ways

Help your plants thrive with these tips.

- **ADD** water-holding crystals to the potting mix when repotting.
- **MULCH** with pebbles, sphagnum moss or meadow hay.
- **TRY** plastic instead of terracotta pots, as they have better water retention, and use an attractive terracotta container as a sleeve.
- **SPRAY** the inside of unglazed terracotta pots with a sealant.
- **LINE** unglazed pots with black plastic, but don't cover the base and drainage holes.

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Succulent Superstars

Create standout displays in garden beds or pots with these waterwise plants

WORDS CHERYL MADDOCKS

Agave attenuata

Not only do they look stunning with their many different leaf shapes and colours, succulents are also drought-resistant.

Collectively known as xerophytes, they have adapted to arid conditions, developing storage structures in their leaves, stems or roots that store enough water to survive periods of drought.

This makes them ideal for dry areas, windy sites or coastal hotspots.

Ranging in size from the Mexican native *Carnegiea gigantea* that can reach 15m to low-growing sedums, they make outstanding features in garden beds and wonderful pot plants.



Grow in beds

Plant succulents of varying heights and shapes, combined with waterwise perennials, to create interesting foliage compositions.

Large succulents can be used in the garden in a minimalist style, with just a few sculptural plants set in areas of gravel or stone.

Low-growing sempervivum, sedum, echeveria and *Senecio serpens* are ideal groundcovers,

while agaves and aloes grow into great feature plants.

PLANT Sun and well-drained soil are essential. If drainage is poor, use a raised bed or a sloping bank.

GROW Feed in spring and summer with an all-purpose plant food. Don't overwater, as most succulents will virtually survive on rainwater.

Mulch with black, grey or white pebbles to give the garden structure and prevent weed growth.



EXPERT SECRETS

While they can tolerate a great degree of neglect, succulents will grow stronger, with better colour and form, if given a little care.



Grow in pots

Due to their low water demands, few plants are more suited to container cultivation than succulents.

✚ **PLANT** Use a potting mix formulated for cacti and succulents.

Most succulents like a lot of sun, but some, including *Rhipsalis* spp., *Aeonium tabuliforme*, gasteria and haworthia, appreciate shade from the hot afternoon sun. *Agave attenuata* will also take a little shade.

✚ **GROW** Feed with a soluble fertiliser in early spring, summer and autumn, or just apply a six-month slow-release fertiliser during spring.

When planting, keep the potting mix barely moist and don't water for the first week. Water when the mix is nearly dry, but don't overwater. A weekly watering is enough for most potted succulents once established. ➤



For low-maintenance potted plants, succulents are the ideal choice.

TEN OF THE BEST

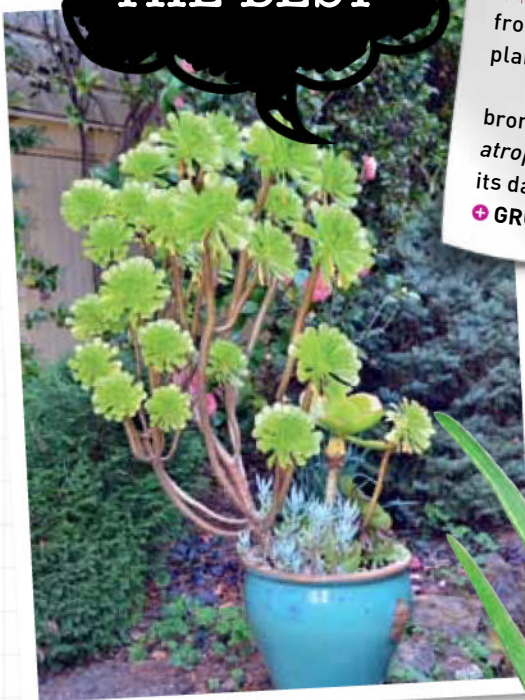
1

Aeonium

There are many different species of aeonium, ranging from groundcovers to branching plants that grow up to 1.5m high.

The most popular are the bronze- and green-leaved *Aeonium atropurpureum* and 'Schwartzkopf', its dark maroon-leaved cultivar.

✦ **GROW** in garden beds and pots.



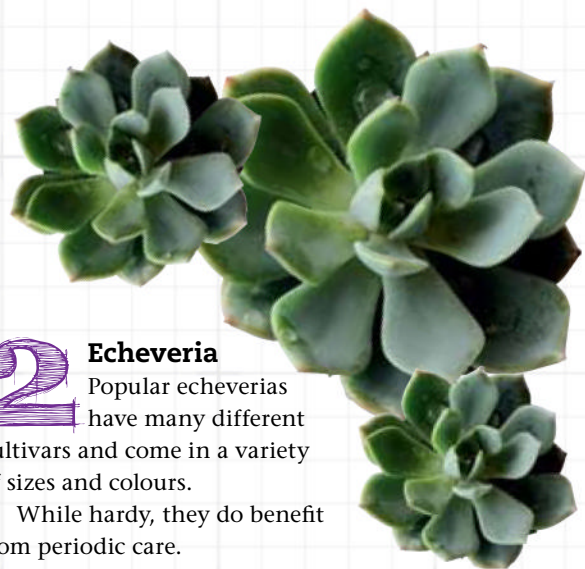
2

Echeveria

Popular echeverias have many different cultivars and come in a variety of sizes and colours.

While hardy, they do benefit from periodic care.

✦ **GROW** in containers or use as a groundcover in garden beds.



3

Aloe

Aloes have bold structural form and most of them bear teeth along the leaf edges.

Aloe arborescens is popular, but make sure you position it where its thorny leaves can't scratch you.

✦ **GROW** in garden beds.



4

Cotyledon

This succulent has showy thick grey or green leaves and pretty bell-shaped flowers.

Cotyledons don't mind winter rainfall and are frost-tolerant.

✦ **GROW** in garden beds, hanging baskets or containers.



5

Crassula

There are about 190 species in this genus, including annuals, perennials and shrubs.

They vary in height from groundcovers to the well-known jade plant, which grows up to 2m, and tree-like *Crassula arborescens* that can reach 4m high.

✦ **GROW** in garden beds or pots.



6

Agave

These plants have bold leaves, and almost all of them have spines, so care needs to be taken where they're planted. The friendliest is *Agave attenuata*, with soft, silver grey-green leaves.

✦ **GROW** as features in beds. *Agave attenuata* looks great in large pots.

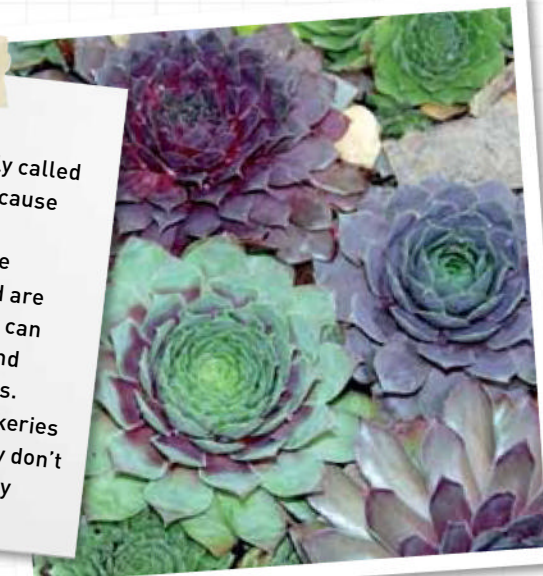


7 Sempervivum

These are commonly called hens-and-chicks because of the way they multiply.

The chicks grow from the base of the mother plant and are attached by thin stems. They can be detached and replanted and will soon grow their own roots.

✦ **GROW** in shallow bowls, rockeries or hollowed-out rocks, as they don't need much soil to survive. They revel in cool climates.



8 Sedum

Sedums range from groundcovering plants to *Sedum spectabile*, which reaches a height of about 60cm.

While most are evergreen, some die down during winter and reappear in spring. They can also have a trailing habit.

✦ **GROW** in containers and garden beds.



9 Kalanchoe

With interesting leaves and pretty flowers, kalanchoes range in size from small groundcovers to large shrubs. They grow well in humid sub-tropical climates.

✦ **GROW** in garden beds or pots.



10 Yucca

Various yuccas have soft-tipped leaves, but most have a terminal spine, so take care where they are planted in the garden bed.

The cream or white flowers are produced on tall spikes.

✦ **GROW** in garden beds.



Hanging habit

Certain succulents have a trailing habit and these are ideal for planting in tall urns or hanging baskets.



Jelly bean

The green leaves of jelly bean (*Sedum rubrotinctum*) turn red in dry or cold conditions. Every leaf that drops can produce a plant.



Burro's tail

Burro's tail (*Sedum morganianum*) is the perfect plant for a hanging basket, featuring long stems covered in blue-green leaves.



Rhipsalis

While rhipsalis prefers a warm climate, high humidity and a shady position in the garden, it will tolerate morning sun. ➤

GARDEN BED MAKEOVER



BELOW Add a few flowering cacti to introduce additional texture and colour to a garden bed of succulents.



Prepare the bed

To eliminate weeds, the bed was mulched with stone. To keep the stone from running into the lawn, Lee installed edging around the border, tapping it in with a mallet.

Now the plants are thriving, some even flowering, and have turned a scrappy-looking border into a feature of the garden.

PICTURES (MAIN) GEOFF BECK (BOTTOM) LEE DASHIELL

After

The garden bed is now a focal point of the front yard and very low maintenance.

Before

This garden bed at the front of *Handyman* managing editor Lee Dashiell's house had never looked good.

As it was highly visible, he had tried growing various perennials, shrubs, bulbs and annuals, and revamped the bed multiple times.

'Over the years, I've replaced the soil, mulched and installed watering

systems, but the problem is that it's in baking sun all summer, and the existing and surrounding soil is lacking in nutrients,' says Lee.

He decided to cut his losses and strip the bed and plant succulents, as they thrive in these conditions.

There were a few succulents and cacti in the garden, so they were moved and new ones bought to fill in. 🌵



Share photos of your garden

Post a pic to Instagram and tag @HandymanMagazine

BELOW Install edging to keep the the garden bed looking tidy.

LEE'S PICKS



Icon Plastics 100mm x 10m Garden Edge, \$35, from Bunnings.



Trojan 1.35kg Club Hammer, \$23. trojantools.com.au



Succulents, from \$9 each, from Bunnings.



GROW YOUR OWN ONIONS

An essential ingredient in many dishes, this veggie makes a great backyard crop

WORDS CHERYL MADDOCKS

This bulb vegetable belongs to the Allium genus and there's a wide choice available for cultivation in the vegetable patch.

You can choose from bulbous red-, white- or brown-skinned onions, or closely related species that are commonly used in many cuisines.

The popularity of onions derives from their taste, health-giving qualities and versatility. They contain fibre, iron, potassium and vitamins A, B6, C and E, and are a good source of folic acid.

Now is the time to plant them, and all are easy to grow in a sunny spot without taking up a lot of space.

HOW TO PLANT

Onions come in different shapes and skin colours, including brown, white and red, and it's important to sow each of them at the appropriate time.

There are early, mid-season and late-maturing varieties, and planting them in the right season prevents them bolting to seed.

✚ **GROW** Onions can be grown from seedlings, which are available from nurseries, or sown from seed.

Sow the seeds directly where they are to grow and thin when 100mm tall, spacing the plants 70-100mm apart. Don't plant seedlings too deep, just cover the roots and the stem bases.

Apply a complete fertiliser in summer.

✚ **HARVEST** They are ready to harvest about 6-8 months from planting, when the leaves are dry and fall over. Once pulled from the ground, leave them in the sun for a few days to cure, then store in wire baskets or mesh bags.

✚ **IN THE KITCHEN** Brown and white onions are essential for many dishes and red onions are good raw in salads.

After planting, keep the patch free of weeds.

Soil matters

All members of the onion family like a well-drained soil that has been previously enriched with organic matter such as compost or Yates Dynamic Lifter.

Too much manure can cause onions to rot and produce excess leaf growth. Rotate onion crops yearly to prevent the build-up of soil fungal diseases.

GROW TIP

To enjoy a continual supply of onions in the garden, make successive sowings with varieties of a different maturity.

An onion a day...

Researchers have found that red onions can help inhibit heart disease and studies reveal that a high consumption of allium vegetables can protect against stomach cancer.

Studies also show that men who eat more than 10g of allium vegetables a day are about 50% less likely to develop prostate cancer.

Brown and white onions contain sulphides similar to those found in garlic that may assist with lowering blood lipid levels. ➤

The taste of onions ranges from strong to mild.

CLOSE RELATIVES

In addition to the brown, white and red-skinned types, you can also grow closely related species of the genus, which include leeks, spring onions, shallots and tree onions.

Every variety has that distinctive onion smell created by alkyl sulphides.

Spring onions have long green leaves and no bulb.



Spring onion

Harvested for its green shoots, a spring onion is an immature onion that has not yet made a bulb.

✚ **GROW** The seeds of spring onions can be sown at almost any time of the year, and you can also buy seedlings from nurseries.

Sow the seeds directly where they are to grow, in garden beds or

containers, and make successive sowings every 4-6 weeks.

Use a soluble liquid fertiliser fortnightly and water regularly.

✚ **HARVEST** They will be ready for harvesting in about 8-12 weeks.

✚ **IN THE KITCHEN** Use raw in salads, stir-fries, crepes, quiches and tarts. Add to cheese scones, scrambled eggs and omelettes.

Mistaken identity

Onions can be confused with each other. This is often the case with spring and green onions. But what they do have in common is they are both immature onions.

In New Zealand, what we call a spring onion is sometimes referred to as a green onion, eschalot, shallot or scallion.

Many varieties of onion can be grown and picked young as spring onions, but it is best to buy seeds labelled as spring onions.

Green onions are also called spring onions by many people, as they are immature onions planted in autumn and harvested in spring.

They are harvested with small white round bulbs and long green stems, which are used in the kitchen as spring onions.

Shallot

Also called eschalots, shallots have a mild, sweet flavour. They develop brown- or red-skinned underground bulbs.

✚ **GROW** Shallots are grown from bulbets or cloves, like garlic. You can buy the bulbets from nurseries in autumn and winter.

To plant, space 150-200mm apart with just the tops showing above the soil level. Feed monthly with a complete soluble fertiliser.

More small bulbets will multiply around the mother plant, which can be saved and replanted.

✚ **HARVEST** They are ready to harvest when the tops start to fall over and before they flower.

✚ **IN THE KITCHEN** They are widely used in Asian and French cooking.



Shallots can be eaten raw, pickled, boiled, baked or fried





The leaves, bulbils and bulbs of tree onions are edible.

Tree onion

Also called Egyptian and walking onions, tree onions (*Allium cepa* Proliferum Group) have an unusual habit in that they grow and sprout bulbils in the flowerheads.

As the bulbils grow, the weight of the flowerheads causes the stem to bend and touch the ground, where the bulbs take root.

➤ **GROW** Plant the bulbs 30mm deep and 150-200mm apart. A very hardy onion, it will even survive in frozen ground. Apply a soluble plant food every six weeks.

➤ **HARVEST** Pick when the stalks are dry. Replant bulbils that have formed on the top for a new crop.

➤ **IN THE KITCHEN** Use in salads, stir-fries, omelettes and quiches. The bulbils are good for pickling.

Leek

Although not as dominant in taste as onions, leeks don't lack flavour.

➤ **GROW** The seeds are sown now and transplanted to garden beds when about 120mm high.

You can also plant seedlings. Dig 200mm deep trenches, add the seedlings and cover with a little soil to hold them upright.

Slowly fill in the trenches as the seedlings grow. This blanches the stem bases, keeping them white.

Feed monthly with a fertiliser that's high in nitrogen.

➤ **HARVEST** Pick about three months after planting when about 20mm thick.

➤ **IN THE KITCHEN** Use in soups, stews, sauces and pies. Leek also teams well with chicken.

HEALTH TIP

Leeks are used to help clear congestion in the respiratory system and are a good remedy for slow digestion.



Add sprouts to salads and sandwiches for a mild onion taste.

Simply sprouts

Onion sprouts are exceptionally good for you. Weight for weight, like all sprouts, they yield a huge level of nutrients compared to mature vegetables.

Growing your own means you can be sure you will be eating them at their freshest and at their nutritional peak.

You can sprout them in the kitchen in a tray or jar, but only use seeds that are labelled for sprouting, as those for sowing in the garden are not intended for consumption. 🌱

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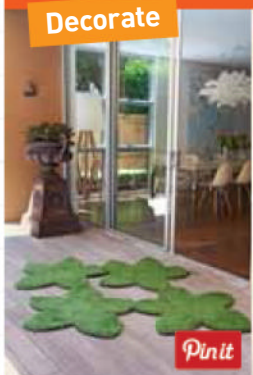
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