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HEY JONESY!!

YEAH?

Y'DIGGIN' A HOLE FOR YOUR BOYS?

KIWIS...

...AUSSIES.

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○ Innovative neighbour-friendly fencing

Developed by Roofing Industries and now available through the Mitre 10 network is this revolutionary and neighbour-friendly metal fencing product which is supplied coloured on both sides of the panel, thereby providing an attractive and practical fencing solution. What's more, not only is the fencing panel manufactured in three aesthetically pleasing Colorcote® colours and supplied to exact length, you can either select from the ever popular standard Corrugated shape or alternatively, inspirational Slimline® Mini Corrugate in order to enhance your project

what's hot



○ It's hip to be square

Ingersoll Rand Security Technologies is pleased to announce the addition of the Boston Entrance Set to the popular and comprehensive Regent Series of door furniture.

The new Boston Entrance Set embodies the economical security of the Schlage Regent Series, with the distinctive and sleek square appearance preferred by today's architectural trends. Perfectly matched to the existing Boston lever and deadbolt products, the entrance set has a 25 year mechanical warranty and a seven year warranty on the satin chrome finish, ensuring quality, design and durability.

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Check out www.aerofast.co.nz or rapstrap.co.nz

what's hot



○ New Masport electric start mower

The new Masport 550AL Combo Electric Start mower takes the chore out of mowing lawns with its simple electric start ignition. Perfect for people who would rather be at the beach or enjoying time with the family than sweltering under the sun priming and pull starting their mower, it's just a matter of turning the key and you're away!



○ Crossjet range of ride on mowers

Masport has introduced the Crossjet range of ride on mowers that are perfect for demanding conditions. Ideal for neglected or unmowed areas or on terrain where traction is an issue, the Crossjet can handle it all – even high grass, brush, blackberry, gorse and thistle!

Lock and leave

by Shaun Evans

The excitement of summer, the build up of the silly season and the holiday spirit, all culminating in packing the family bags and setting off on your summer holidays. What a great time of year, what an adventure, what about the home you're leaving behind?

For too many families over the summer holiday period, a wonderful family trip away, whether it's camping or flying out of the country, can be destroyed by returning to a ransacked house and missing possessions.

Armed with your cordless drill, measuring tape and some of the best locks on the market, you can fortify your home before embarking on your summer holiday – it's peace of mind and, of course, being forewarned is to be forearmed.

Windows

We put these at the top of the list, as this is the most common access point for thieves. Whether your window frames are wood or aluminum, sliding or double hung, they all need additional security to ensure maximum strength.

The push lock window bolt features an 8mm diameter bolt and will stand up to the most brutal punishment. As it is also reversible, which means the cylinder can be located on the left or the right of the lock body.

It is incredibly simple to install these push locks and can be done by just about anyone with some basic DIY skills. You will need a drill (cordless or electric) for pre-drilling the required holes, a screwdriver, a tape measure, a ruler (straight edge) and a sharp pencil.



Burglars can gain access by prying windows open.



For those of you with aluminum windows, there is another product on the market that will help resist forced entry. The Sashlock is a surface-mounted press lock that holds the window sash to the window frame, so potential intruders cannot flex the window frame to get access.

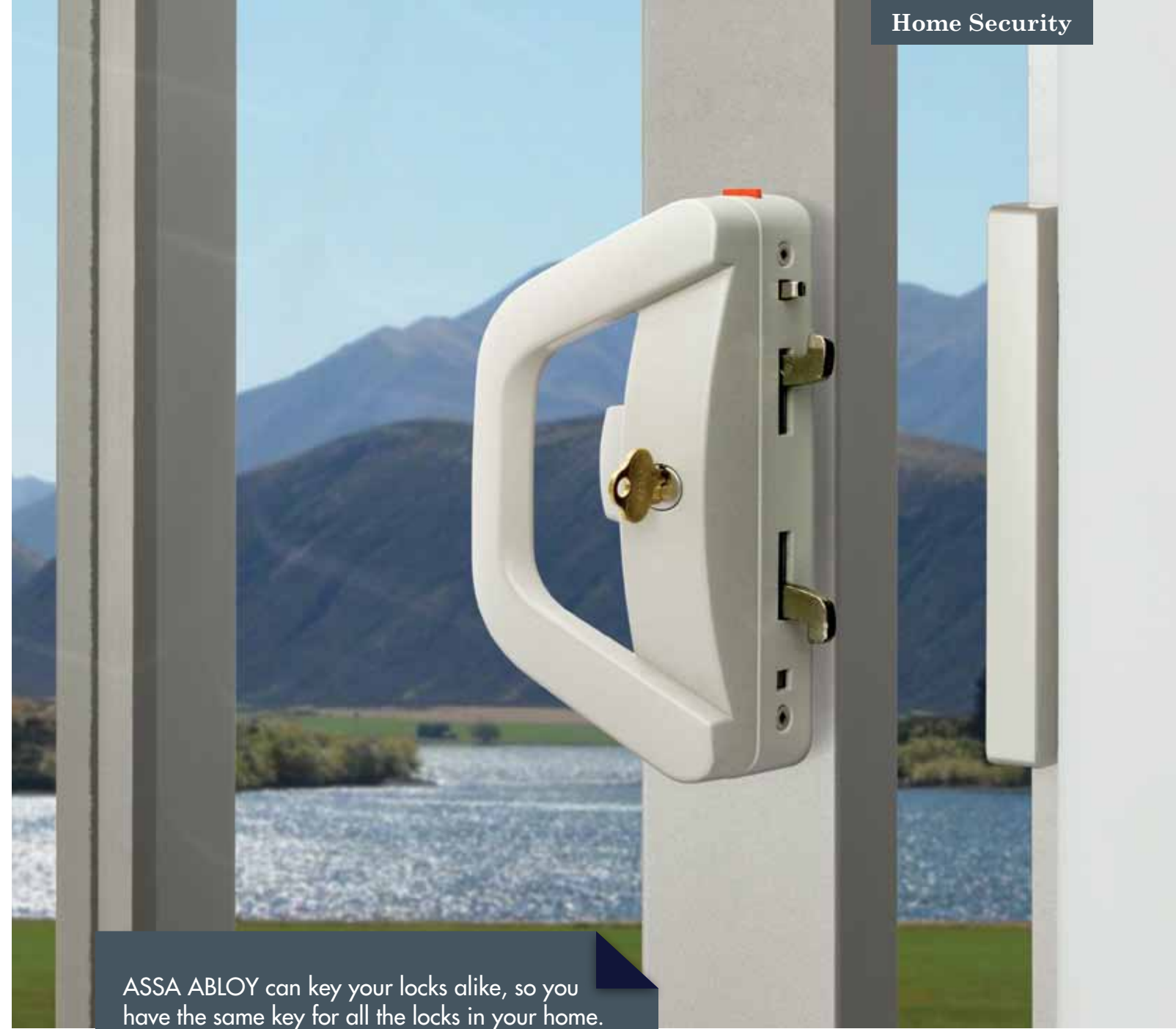
All the fixing screws are concealed and the Sashlock comes with packers to ensure it will fit any window. This unit also comes in a range of colours to help you match it to your décor.

Ranch sliders

Sliding doors are another problem area when you look at the security of your home. The traditional method of security was to slide an appropriate length of timber in the sliding door track to stop intruders from sliding the door after lifting the lock. Those days have gone and the days of the Albany Endeavour sliding door lock have arrived.

With a great look and variety of colours to choose from, this lock offers you opposing anti-lift beaks for added security. It features a red indicator to let you know that it is deadlocked and an anti-slam pin to protect the all-important locking beaks.

Most importantly with this sliding door lock from ASSA ABLOY is the ability to retrofit the unit, making the switch to greater security and better design an easy choice to make – simple really.



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Doors

There is always a champion in any range of products and we think we have found one among the deadbolt locks on offer – the Paradigm 005 deadbolt from Lockwood.

These admittedly are designed in Australia; however, they have the blessing of the Australian Fire Service for their safety features, including “SafetyRelease”, “LockAlert®” and “DualSelect”. In addition, the Paradigm 005 cylindrical deadbolt is simple to install, made from cut-resistant stainless steel and is available in a round or a square format.

With “DualSelect” locking, you can rotate the key 90°, which will lock the bolt to those trying to get in the door, however those inside the building will be able to leave by turning the knob. Turn the key a further 45° and the bolt will secure both sides of the door.

The “SafetyRelease” feature automatically unlocks the internal knob when you enter the building – this minimises the risk of being locked inside, a feature that the Fire Service like a lot.

The Paradigm 005 deadbolt incorporates the patented LockAlert® status indicator that will tell you what mode the lock is in at a glance.

This summer be prepared and fit your doors, windows and sliding doors with peace of mind accessories that are design-savvy, yet functional. Your local Mitre 10 stocks all of the goods mentioned here and their advice is, as always, top notch.

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Barbeque bits and pieces

by Je'taime Hayr

They say that the success of a dish is down to the chef; this is true to an extent, but never underestimate the importance of having the right culinary tools to pull off a barbeque meal that impresses your guests.

Of course, if you only ever fire up the barbeque to throw on some sausages, you can get away with the absolute minimum of tools – a cleaning brush and some turning tongs. If you want to expand your repertoire of meals

beyond the sausage and steak variety, you'll be pleased to know there are a range of accessories to make your outdoor cooking easier.

Jenny Best of Bestway recommends starting off your barbeque tool collection with a basic set, which includes a fish slice/spatula, tongs and a fork. "These kits are great for beginner barbeque chefs, who will only need to add a cleaning brush to complete their collection. They are very popular (and well timed!) as Christmas gifts for dads – right when people are thinking of outdoor cooking for the summer holidays."

Barbeque tool sets vary in size from the basic essentials to a wider array of useful gadgets. The bigger sets usually come in a handy aluminium case, with additional tools such as a basting brush for marinades.

Once you're ready to make the shift up to advanced barbeque cuisine, Jenny says the tools get more exciting and your cooking can become a little more creative. She recommends one of the more convenient barbeque tools – a wire 'basket' – which comes in a range of sizes and can be used to encase a half chicken or vegetables; you can also get a fish-shaped one to house your catch of the day. Once food is sealed in the wire basket, it can be turned over all in one for easy grilling.

One of the most popular barbeque cooking accessories is the 'beer can chicken roaster', reveals Jenny: "You're not limited by beer. You can use lemonade, orange juice or any manner of liquids. Simply pop it inside the chicken while you're roasting to keep meat moist and tender and infuse with flavour," she says. If you prefer a rotisserie-style cooking device, the Festiva BBQ Rotisserie Set costs just \$60 and fits most 2 - 6 burner gas BBQs and can take up to 6kg of meat.





Another popular option for outdoor chefs is the pizza stone, which you can put on the barbeque grill and put the hood down to cook up an easy pizza. If you like to keep things simple, even novice chefs will likely appreciate a set of kebab skewers, which can be purchased in chrome for barbeque cooking. Kebab skewers save you having to soak the bamboo skewers in water prior to use and also means they can be washed and re-used.

All outdoor chefs know that there is nothing more frustrating than guessing how well done your steak is once daylight has faded. On the other hand, a plate of under-cooked chicken is a sure-fire way to lose barbeque brownie points around the dinner table.

A useful accessory is a barbeque light, which can be conveniently attached to the side of your barbeque for safe and convenient outdoor grilling.



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www.charmate.co.nz.





Once you've got your barbeque established, a range of appropriate barbeque accessories and tools will complement your culinary skills and increase the ease and style of your outdoor cooking.

When cleaning the barbeque, it's important to leave some fat on the grill for a certain amount of protection to the barbeque surface. This will reduce rust and make cooking less likely to stick.

After cooking, and while the grill is still warm, use a stiff wire brush to clean off remaining food particles. If you have a cast iron grate, brush on some oil with a paper towel to condition your grate after cleaning. If you have a charcoal grill, clean the grate and brush out the ashes and cooked on foods after each use, this will reduce excess smoke and other bad flavours.

Every now and then the underside of the grill will need a good scrub. A gas grill also needs to be cleaned with each use. If your gas BBQ has a 'clean setting' switch it on to preheat your grill to burn off any food that has fallen

down into the grill, then clean the grates and brush off the sides and lid. Every now and again, lift out the cooking grate and clean off the barrier above the burners to remove cooked on grease and food particles.

There are a range of cleaning tools to make the job easier. A Mr Bar B Q Grill Brush is ideal for removing fat and grime quickly, while 30 Seconds BBQ Grill Cleaner is formulated to remove grease, animal and vegetable fats, burnt deposits, carbon and grime and is biodegradable and phosphate free. Selleys also sells the Ultimate BBQ Care Kit, which contains a 12 pack of BBQ wipes hot plate cleaner exterior cleaner and a cleaning/polishing cloth.

To avoid some of the mess associated with cooking altogether, consider a Hinton Hotplate Magic BBQ Hotplate Liner. The non-stick reusable liner is easy to clean and requires no oil when cooking and is perfect for use with sticky marinades. Because it's portable, it's a handy accessory to take with you when using a public BBQ or on your next camping trip.

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DIY 101

in the garden

by Scott Wilson

Spring has arrived and you're experiencing wonderful growth in your garden. While it's wonderful to see the vegetables thriving, the flowers blooming and the lawn flourishing, it does take a bit of work to keep it under control. Rather than slave away hacking through the forest, a selection of power garden tools can go a long way to making this task a lot easier.



Like their indoor power tool cousins, outdoor power tools are constantly undergoing improvements and advancements, such as Black & Decker's new 18-volt lithium ion battery-powered range, which makes it easy and convenient to keep the section tidy.

A couple of selected power garden tools can really make a world of difference to your gardening experience.

Lawnmowers

How many times have you seen someone struggling to get a lawnmower started, or being enveloped by a cloud of blue smoke as they struggle around their section pushing a ragged-running, beaten-up mower that struggles every time it approaches a patch of freshly-grown grass?

Lawns always look their best when they are freshly mown – a job which can be far easier, safer and effective when you have the right lawnmower.

There are many factors to consider when buying a lawnmower:

- How big is your lawn?
- Will you be cutting grass that is long and unruly?
- Is there a slope you will have to push your mower up?
- How much can you afford to spend?
- Are you able to maintain a petrol mower yourself?
- Are you buying for life, or are you ok with replacing the mower in a couple of years?



For most, the first thing that comes to mind when lawnmowers are mentioned is a petrol-powered rotary mower, but the options are far greater than that.

You can get electric mowers, which are great for a small to mid-sized lawn. They are lightweight, manoeuvrable, and easy to handle, clean and quiet with no emissions. They do need a power source nearby and a power cord long enough to reach all corners of the property.

Electric mowers can also struggle when it comes to long grass, as they are traditionally not as powerful as petrol-powered mowers.

A different form of electric mower is the hover mower, which floats on a cushion of air created by the downdraft of the blades. They're very easy to handle over uneven surfaces, banks, or between flowerbeds.

For a mower with more power, petrol mowers are the way to go.

Suitable for most conditions, these mowers will operate in nearly all terrain and grass conditions with little limitation.

Petrol mowers are available as 'rotary' mowers or 'reel' mowers.

Rotary mowers do come in regular contact with hard objects so consider selecting a blade system that has swing back technology to avoid potential engine damage.

Rotary mowers are what you will see tackling most New Zealand lawns. They have a blade that spins horizontally beneath the body, while reel mowers have blades mounted on a reel at the front of the mower.

Traditional rotary mowers are suitable for all lawn types, sizes and conditions. A good quality rotary mower will last for many years so select one you feel comfortable with, one that is safe and can be serviced to maintain its longevity.

Select an engine that is powerful enough for the lawn you are going to be working on and also consider one that catches or mulches the clippings. Some have the option of both.

Rotary mowers do come in regular contact with hard objects so consider selecting a blade system that has swing back technology to avoid potential engine damage.

A second type of petrol-powered mower is the reel, or cylinder mower. These use a rotating horizontal cylinder of blades at the front of the mower to slice the grass. They can create a really close cut and are often used by organisations such as bowling clubs or by cricket pitch groundskeepers to create the finish needed.

If your lawn is quite wet or you are in a coastal area, consider choosing an aluminium body lawnmower, as it will not be prone to rusting like steel body mowers can.

If you have a really large lawn (or you just like the concept of very little effort) think about a ride-on mower. These can be quite simple and basic, or extremely well appointed, but the advantage of all of them is that you can jump aboard, point them in the right direction and start to mow. You can even hook up a trailer to cart away those clippings and other garden debris.

If your lawn is quite wet or you are in a coastal area, consider choosing an aluminium body lawnmower, as it will not be prone to rusting like steel body mowers can.



Line trimmers

Once you have the lawn mowed, you'll still need to tidy up around those tree trunks, along garden edges or underneath plants or overhangs, and a line trimmer is superb for these tasks.

They're also great for reducing long grass down to a manageable level.

In basic terms, a line trimmer is a spinning head mounted on the end of the long shaft with a short length of nylon that whips around at high speed, trimming off grass, weeds and light foliage with ease. The nylon automatically extends as it wears out and replacement spools are easy to fit once the nylon has been exhausted.

Like mowers, there are electric, petrol and battery-powered versions of line trimmers, all with similar characteristics.

Petrol-powered trimmers are considerably more heavy-duty and can handle tougher work for longer periods, but will generally require careful fuel management (two-stroke fuel mix), priming before starting and regular topping up if they are used for extended periods. They are also noisier and do cause emissions.

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Consider a split-shaft trimmer, as these can be used for a number of other tasks as well.

If you only have a little trimming to do and you only have a small section, a corded electric trimmer may work, beware of the cord, or you may find yourself trimming your way through your power source.

Want a cordless trimmer without petrol power? Consider a battery-powered model, it's just a case of pull the trigger and go. The downside of battery-powered trimmers is run time and charge time, but even these are becoming far more impressive. Black & Decker has just launched an 18-volt lithium ion battery-powered line trimmer, which can be recharged to 80% of capacity within 45 minutes.

Consider a split-shaft trimmer, as these can be used for a number of other tasks as well. By removing the line trimmer end of the shaft, split shaft models can be fitted with a variety of different heads, from brush cutters and hedge trimmers to edger's and power pruners.

Edging

No matter how well you mow your lawn and tidy up around those shrubs, if the edges of your lawn aren't clean and sharp, then it's going to look messy.

Disc edgers have long been available as hand tools, but do require a bit of hard work to operate them, especially if you have a lot of edging to do.

To solve this issue, a powered edger isn't a bad addition to your outdoor power garden kit.

These work like a line-trimmer, but use a vertically mounted blade to cut the grass along the edge of the lawn. They also have a trailing wheel or set of wheels which allow the edger to move smoothly along the boundary of the lawn, reducing effort and making for a much more accurate job.

Adjustable handles and shafts aren't a bad idea as bending over a trimmer, even for a short time, can become difficult and painful. Like most outdoor garden power tools, edgers are available in petrol-powered versions or as electric or battery-powered models.



Hedge trimmers

Hedges, climbers, ivy and other fast-growing creepers can quickly get out of control, which can have much greater issues than just making the place look messy.

Left to grow these plants can quickly smother other areas of the garden, choking up walkways and paths and weighing down fences. Keeping those areas tidy, trim and under control isn't just about making the place look presentable, it's also about maintaining the health of your garden.

Powered hedge trimmers will help you slice through those areas with ease, removing those untidy sections from your hedge and turning it into a neat, trim border in no time at all.

If you're not undertaking huge amounts of trimming, then think about a battery-powered or electric trimmer, as these are lightweight and pretty easy to use.

Don't make the mistake of thinking your hedge trimmer can cut through anything in front of it as they are designed to cut leaves, foliage and very small branches. Anything thicker than your little finger is likely to be too much for it and will quickly cause it to jam.

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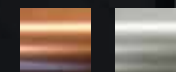
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The engine size will normally increase with the larger bar lengths.

Chainsaws

When you're thinking about buying a chainsaw, decide whether to choose a petrol or electric model.

Users find that the two suit different tasks – electric chainsaws are light, easy-to-start and great for some of those smaller jobs while petrol-powered ones are generally more powerful, have a greater range of bar sizes for different jobs and don't have a cord to get in the way when you are using it.

To select a chainsaw for your job, the basic rule to work from is “the bigger the job, the bigger the bar length”, but don't choose one that's too big or you will have trouble managing it.

As a rough guide, work on the following bar lengths:

- 14 inch/350mm suits occasional light duty use – e.g. cutting up a small tree – width up to 300mm;
- 16 inch/400mm more general garden/home use – e.g. cutting up a small to medium tree;
- 18 inch/450mm large jobs or farm or rural use – e.g. where you are regularly chopping trees for firewood;
- 20 inch/510mm heavy duty, frequent usage e.g. large diameter woodcutting.

Blower vacs

After you have made all that mess with mowing, cutting, edging and trimming, you'll need to clean up around the place to finish the job off nicely.

A blower vac is a very handy tool, as it quickly and easily cleans up large outdoor areas of leaves, grass clippings, twigs and other garden debris. Blower vacs are ideal for clearing lawns, driveways, garages, decks, gardens and pavement. You no longer need to manually rake or sweep!

You can use the blow function to clear leaves into piles - ideal to clear the garden without sucking up bark, shells or stones - and use the vacuum function to suck up the debris and mulch or shred it into the bag attached. Add the garden mulch to your compost bin or use as mulch on your garden.

When you're thinking whether to choose a petrol or electric model, remember they suit different tasks - electric blower vacs are lighter and easy to start while petrol blower vacs are more powerful.

Corded models generally offer more power than cordless models and include a bag to hold the shredded debris. A suitable extension cord is essential.

Cordless models offer extra mobility and convenience with freedom from extension cords and are lighter in weight. Some brands offer battery cross-compatibility from their power tools, a consideration worth making.

Shredding ratio is an important feature, as this will define how often you need to empty the bag. Also consider the bag capacity.

Motor power will not only indicate the units' performance but will influence blow speed - particularly helpful when working with damp leaves. A shoulder strap provides extra comfort and ease of use, while a wheel at the nose of the machine will enable you to rest the blower vac downwards and help reduce user fatigue.

Variable speed models allows you to adjust the speed as conditions change and a flick switch will quickly allow the user to adapt from blow to suck modes.

Chippers

Clippings and smaller debris can be cleaned up using a blower vac, while small branches and twigs can be thrown into the compost bin, but larger branches can often be a little more difficult to deal with.

A chipper or shredder can quickly reduce those larger off cuts to woodchips, which can then be scattered over the garden or added to the compost. Chippers work by way of blades inside the body that are designed to shred, chop and chip anything that is fed through the entry chute, so take care not to insert fingers or limbs – much the same as using any other outdoor power garden product.

Big commercial industrial chippers can handle some pretty sizeable branches or tree trunks, but home garden chippers are really designed for branches up to a maximum of 40mm or 50mm in diameter. However, if you are thinking of the type of branches you are likely to trim from around your home, that's still going to cover pretty much anything you need to reduce to chip.

Although petrol-powered chippers are a bit more powerful and resilient, electric chippers should not be

under-estimated either. With motors ranging from 2000-2500 watts, they can also handle some pretty heavy-duty work, so may be more suitable for a standard home workshop or garden shed.

Safety

Staying safe is the most important basis for using any power tools. Because of the range of blades, chains, discs or teeth, it's essential that both the operator and any family members or bystanders are protected from potential injury. In the case of bystanders, the solution is simple – keep them well clear.

However, for operators, it's important that the right safety equipment is used.

In most cases, goggles, ear muffs and solid footwear are the very least that should be worn when using outdoor power garden tools, whether it's a lawnmower or a hedge trimmer. In addition, gloves probably wouldn't go astray either and, in the case of a chainsaw, protective chaps are a really great investment too, just in case the chainsaw kicks back.

When using an electric tool, we recommend using an RCD and ensure the cord is kept away from your feet and away from the tool. Also, do not use electric power tools in or around water.

Have a safe drop zone – a clear safe space where you can drop the tool if you need to let go. Keep bystanders out of this area.

Always take care with the storage and use of petrol and oil.

Finally, before use, read the operating manual and familiarise yourself with the equipment and safety procedures.



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- E-Drive Technology®. High torque gear system gets the job done faster through improved rate of cut
- Lightweight cordless Whipper Snipper for improved maneuverability and control
- Two tools in one; easily converts from trimming to edging
- Efficient cutting system powered by Lithium cuts 1200 meters in 1 charge
- Cord free, hassle free – no danger of cutting the cord and no harmful emissions
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18v Lithium Hedge Trimmer

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This November, the staff at each Mitre 10 MEGA will be building some very special kids playhouses, and they'll be raffled off instore with all proceeds going straight to Plunket. The playhouses will be on display from 19th November, so get down to your local Mitre 10 MEGA, buy your raffle ticket before 3rd December, and together we'll be helping thousands of Kiwi kids.

You'll be able to get in on the action too! From 7th October, we'll have free plans and easy instructions that'll help you build a playhouse of your own – make it a good one and you could be in to win a \$5,000 MEGA voucher.

It's the Big Little Plunket Playhouse Project, and it's coming soon to your local Mitre 10 MEGA.

MITRE 10
MEGA

Wonder *walls*

by Scott Wilson

In the last issue of How To magazine, we took a close look at interior wall and ceiling linings and some of the different products that were available for renovating or redecorating around your home.

From GIB plasterboard to products from James Hardie, there are a number of options available, depending on what you are trying to achieve and what your requirements are. However, there are a number of situations where a slightly more specialist wall or ceiling lining may be required.

Wet areas

One of the most common situations where specialist wall or ceiling linings are required is in bathrooms and ensuites, or other areas where moisture and/or heat can be an issue, such as a laundry or even a kitchen.

Bathroom renovations can make a huge difference to a home from the way it looks to its market value. If you are trying to sell a home with an unappealing bathroom, spending a bit of money to update it can often pay dividends. However, choosing the wrong wall and ceiling linings can quickly cause major issues; the heat and moisture that are part of the bathroom environment will play havoc with 'standard' wall linings.

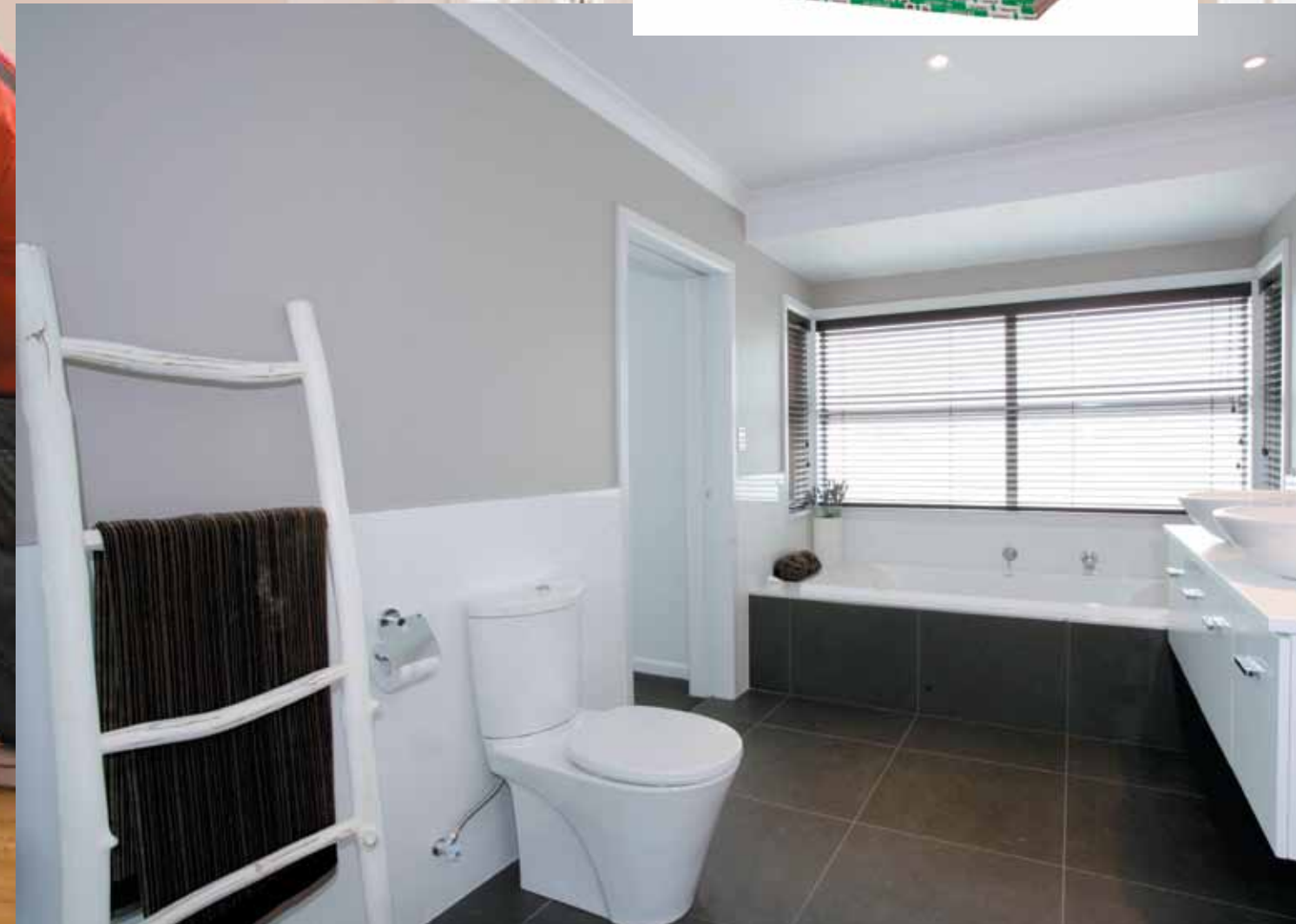
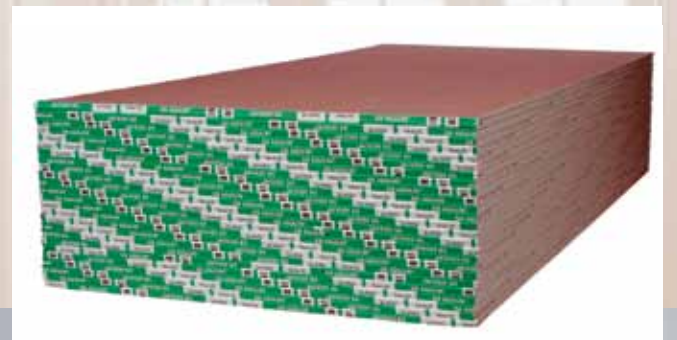
Just because you can't see any damage occurring, it doesn't mean it's not happening, so choosing the right walls linings for your wet areas is essential.

One of the most common wall linings for wet areas is GIB Aqualine. This has a water-resistant wax polymer-impregnated core, designed to stop water penetration and 'wicking' up through the core; both can cause ongoing issues with the quality of the wall lining.

GIB Aqualine is just as easy to work with as other products in the GIB Plasterboard range, with simple techniques, tools and installation methods.

Like other products in the GIB range, Aqualine can be painted or wallpapered. Importantly, it also provides a suitable substrate for fixing tiles, which is useful in shower linings or shower-over-bath situations. In both these instances, though, a waterproof membrane needs to be applied to provide an extra level of protection against water before any tiles are installed.

It also is worth considering the weight of the tiles you are considering installing. GIB Aqualine® is suitable as a substrate for tiles weighing up to 20kg/m² (10mm Aqualine) or 32kg/m² for 13mm Aqualine, although this





is unlikely to be a huge hindrance, as most ceramic and porcelain tiles weigh less than 20kg/m². You will need to check your tile weights if you are planning to fix stone tiles like marble or granite.

If a pre-finished lining product is what you're looking for, HardieGlaze Lining from James Hardie is a tough one to beat. This product has a hard-wearing, high-gloss polyurethane coating over a fibre-cement backing, which creates an easy-clean ceramic look, making it an excellent choice for bathrooms, laundries and kitchens.

If a crisp, smooth finish is what you are after, HardieGlaze Lining has a profile that's perfect for a modern, minimalist appearance. It also has three different embossed tile patterns, two of which are new on the market - Listello and Grande. These can range from a contemporary horizontal 'brick' style to a more classical vertical design.

HardieGlaze Lining comes in two thicknesses – 4.5mm and 6mm – and can be joined using PVC or aluminium jointers. Alternatively, 6mm HardieGlaze Lining can be silicone joined if needed.

Most sheets of this product come in standard 2400mm x 1200mm sizes, although it is possible to get some sheets in sections that are 2700mm long or 900mm wide.

HardiGlaze Lining can be installed right down to the floor level in a shower, as it's resistant to water damage. Sheets can also be installed over existing linings,



**IF IT'S NOT
GIB AQUALINE®
YOU COULD
BE FACING
A MOISTURE
PROBLEM.**

Without the GIB Aqualine® water resistant core containing special polymers to help prevent moisture penetration, wet area linings can become a sponge. That's why more builders use GIB Aqualine® to protect walls and ceilings in bathrooms, laundries and kitchens than any other lining*.

The performance of GIB Aqualine® is independently verified by BRANZ Appraisal[†], making it your best insurance against future liability and expensive call-backs.

FOR CEILINGS TOO.

Using GIB Aqualine® on ceilings as well as walls will help prevent the damage condensation can cause to linings and the framing behind.

THE MOST PREFERRED TILING SUBSTRATE.

Over 70% of the New Zealand building industry uses GIB Aqualine® as a tiling substrate in bathrooms.*

- The fibreglass in the core gives added strength that easily supports the weight of tiles to provide a solid, stable backing.
- Outstanding dimensional stability means it presents an even, flat surface for tiles to adhere to.



Watch the short video at gib.co.nz/aqualine

FOR MORE INFORMATION, CALL THE
GIB® HELPLINE ON 0800 100 442.

NB: for all installation requirements refer to the GIB Aqualine® 2007 wet area systems literature.

*Winstone Wallboards Trade Survey April 2010. † GIB Aqualine® Wet Area Systems BRANZ Appraisal Certificate No.427 (2007)

TM/17823MM/17



reducing the amount of time it may take to complete your renovation. If you are in doubt about the wall framing beneath, it does pay to remove existing linings and check the framing.

Noise control

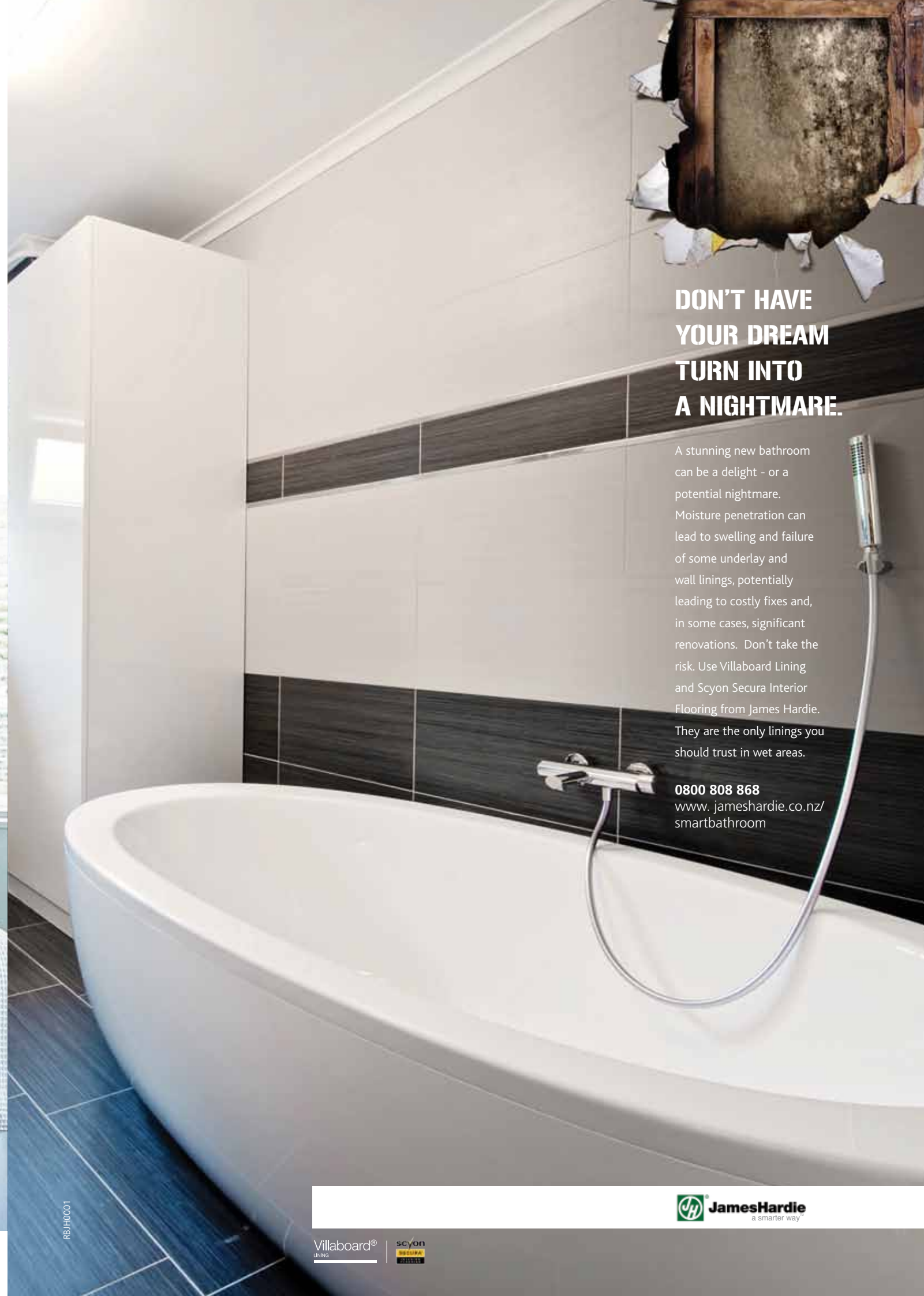
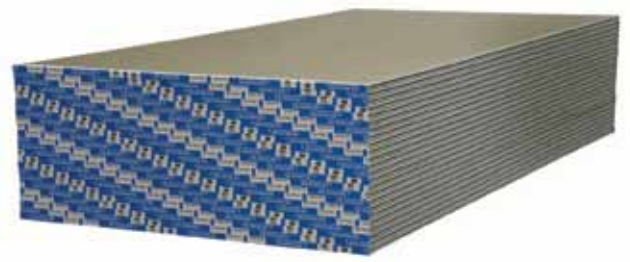
Whether it's a kids' party, a teenage sleepover, or a rugby supporters' bash, it's difficult to control the amount of noise that can be transferred from one room to another.

Although near impossible to completely stop noise filtering from one room to another, it is possible to reduce it, which can often be enough to keep the little ones asleep in the bedrooms while the adults loudly cheer in the living room.

There are a number of other reasons that noise can be such a big issue in a home. Two-storey homes are

becoming more common as homeowners look to make the most of smaller sections. This can result in increased noise transfer between floors. Gaming consoles, computers, home entertainment systems and home theatres have also become more affordable, making them more common, while appliances such as dishwashers and dryers are also commonplace. All these devices can add noise to a home.

On the outside, more sections are being created on the inner areas of towns and cities; homes are being built closer together and once-quiet streets are now much noisier due to increased traffic volumes.



DON'T HAVE YOUR DREAM TURN INTO A NIGHTMARE.

A stunning new bathroom can be a delight - or a potential nightmare. Moisture penetration can lead to swelling and failure of some underlay and wall linings, potentially leading to costly fixes and, in some cases, significant renovations. Don't take the risk. Use Villaboard Lining and Scyon Secura Interior Flooring from James Hardie. They are the only linings you should trust in wet areas.

0800 808 868
www.jameshardie.co.nz/smartbathroom

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Villaboard®
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scy on
SECURA
FLOORING

JamesHardie
a smarter way



Noise reduction should be viewed as a system to enable the best results.

Ideally, to reduce the effect of sound transfer, it's best to plan areas of your home into 'zones' so that quiet areas such as bedrooms are all close to one another, away from noisier areas such as living rooms, kitchens and rumpus rooms.

However, if that's not possible due to an existing home layout, it is possible to reduce the amount of sound or noise being transferred from one room to another. Solid core doors combined with blocking gaps where noise can pass through can both have an effect, but a combination of specially designed wall linings and sound-reducing insulation can really make a difference. Rather than looking at these as separate components, it needs to be viewed as a 'system' to get the most benefit.

GIB Noiseline® (which also doubles as GIB Braceline®) is a high-performance plasterboard designed specifically for reducing the level of sound transmission between rooms. Its higher density core can reduce noise transmission between rooms and also between floors in two-storey homes.

The addition of Pink® Batts® Silencer® insulation behind the wall linings adds considerably to the effectiveness of this noise control system.

GIB Noiseline® is easily recognisable by its blue surface and comes in 10mm or 13mm thicknesses ranging from 2400mm up to 4800mm in length. It's also available in GIB Wideline format in sheets that are 4800mm long.

Replacing your wall linings is truly an opportunity to add value to your home in terms of look and functionality. Take the time to assess what products are best for your home and always make a thorough inspection of the framing behind your linings while you have the opportunity. The expert team at Mitre 10 can always help you through the process and if you have any doubts about your DIY skills, enlist the help of a professional.

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Quality
Health
Innovation

Keeping it *clean*

Cleaning up after your painting project is essential and it's extremely important you do it right. You should consider the wear and tear on your tools and equipment and the environmental impacts of paint. This last point is extremely important to all paint manufacturers; none of them wish their products to be responsible for environmental damage. Here's a handy "How To" system for cleaning up in an environmentally responsible way.





This system is based on the use of two containers in which brushes, roller sleeves and other equipment are washed and then rinsed. By rotating the containers, the solids in the paint are separated from the liquid for easier disposal of each component.

This will work well for both water-based and solvent-based paints. For solvent-based paints, use mineral turpentine and any other paint solvent recommended by your local Mitre 10 paint department experts.

Water based paints

At the end of the job, wipe or squeeze excess paint onto an absorbent material such as old rags, shredded newspapers or cardboard boxes, allow it to dry and dispose of it with your household waste. Next, wash brushes, rollers and other equipment with water in a 20 litres or similar-sized container.

Transfer the washed equipment to a second container filled with clean water for a final rinse. Place lids on the containers and allow to stand overnight.



By morning, the paint solids in the first container will have settled down to the bottom of the container. The clear water from this container may now be poured onto the garden or any grassed or open area away from streams, rivers or lakes, where it can be absorbed into the ground.

Scrape the paint solids out onto absorbent material such as old rags, shredded newspapers or cardboard boxes. Allow the material to dry and then place it in a plastic bag. You can then dispose of it in the household rubbish or the nearest council tip.

The second container now can be used as the first wash. Use this rotation system until the job is completed.

Solvent based paints

Follow the same procedures for water-based paints, but with these exceptions:

- Use solvents to wash equipment.
- Allow the first container to stand at least 24 hours, as it will take this long for the paint solids to settle.

- Do not pour the clear solvent onto the ground - use it to top up the second container or decant and keep for future use.
- Use the least amount of solvent possible to do the job.

CAUTION

Never allow wastewater or chemical solvents from washed paint equipment to enter household or storm water drains or sewers. The waste may find its way into natural waterways, where it can reduce oxygen levels and threaten the survival of fish and other aquatic organisms.

Make the most of your weekend



Bring out the best in the timber surfaces around your home with **Resene woodcare products**. The range includes everything from interior and exterior wood stains through to furniture and decking and more. Available from Resene ColorShops nationwide.

And to help you get started we have a collection of **handy DIY projects** on our website to show you how to do everything from creating a boardwalk to beautifying old garden benches. Check out www.resene.co.nz/gardenprojects and make the most of your backyard.



Resene

the paint the professionals use

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Planning

It's a good idea to keep a container of mineral turpentine on hand for cleaning purposes. Kept in the original container and in a safe place, you will be able to reuse the solvent time and time again.

Remember not to shake it up, as this will disturb the paint solids, which will have settled to the bottom of the container.

Dealing with spills

If paint is accidentally spilt, clean it up as best as you can with a cloth or newspaper. Then treat with an emulsifiable solvent cleaner and rinse with water. By treating the spilt paint with a solvent cleaner before washing down, you will save solvent and give yourself less work to do.

Moving

A plastic pail with a tight-fitting lid is ideal for the short-term storage and transport of brushes and roller sleeves. Fill this pail about halfway with water so that brushes etc are covered. This will save you from having to clean brushes and rollers whenever work is interrupted.

Wrapping a paintbrush in cling wrap will prevent the paint drying on the brush while you take a lunch break. Similarly, put your roller into a plastic bag and tape it around the handle or submerge the roller in the paint in your roller tray to keep the paint moist during your break.

Keeping your worksite tidy is essential to completing your next painting project efficiently and cleanly. The helpful team at Mitre 10 have all the resources you need for your paint project and by following these simple tips, you will be reducing negative impacts on the environment and on your garden.



FORESTWOOD®

Over 30 colours taken from nature

A choice of traditional oil-based and new water-based stains that enhance the look of exterior timber in ways you will absolutely love. This superb range of colours allows the exterior of your home to be as much a fashion statement as the interior.



Making that look last

In our series on wood stains, we have looked at the preparation needed for your surface to be in the right condition for staining (How To - September). Then we covered the options for dressing your timber, as well as the techniques and tools to help you get that professional stain finish (How To - October). Now we take a look at the best way to maintain and protect your stain finish to ensure it has a long and lustrous life.



It is not recommended to use high-pressure water blasting on timber surfaces.

Why do we stain wood?

Staining highlights the grain to help maintain a natural look, whilst protecting the wood and enhancing the timber colour.

Stains provide protection against UV damage from direct sunlight and although stained timber requires more frequent maintenance than painted timber, stains are easier to maintain. Previously painted surfaces cannot be stained and need to be stripped back to the bare wood; this preparation is essential.

Staining is recommended on new or previously stained, rough sawn or suitably prepared dressed timber. When staining new dressed timber, allow it to weather from two to six weeks to allow for adhesion and penetration of the stain.

How to maintain exterior stains

Annual maintenance of stained exterior surfaces is recommended to help prolong the life of the coating. Surfaces should be washed down to remove any contaminants that can affect the life of the stain. Existing mould growth can be removed by applying Wattyl Deck and Timber Prep or a solution of 20ml of liquid sugar soap, 250ml of a proprietary household bleach and 4 litres of water applied with a soft bristle brush. This solution must be hosed off with fresh water and allowed to dry.

Re-staining exterior surfaces

Re-staining should be conducted every two or three summers, or as soon as the timber shows any signs of weathering due to exposure to the elements. Timing of re-staining can vary depending on timber type and, of course, the degree to which the timber surface is exposed to the elements. Homes closer to the beach can require a higher level of maintenance due to their proximity to corrosive salt water.



The Wattyl Forestwood range has products suitable for all your exterior staining project needs.

The best possible start to the job.



Start your deck or roof job the way you mean to go on - doing the best job possible. Essential preparation products prior to using Wattyl Forestwood or Wattyl Solagard Roof.

- Excellent for Annual Cleaning
- Bleach Free • Caustic Alkaline Free
- Removes Moss & Lichen



The table below gives approximate maintenance periods within which a northerly facing wall will begin to show signs of needing repair. The subsequent maintenance period is based on the ongoing requirement of the same wall for continued attention to maintain an acceptable appearance.

Prior to re-staining, clean surfaces using Wattyl Deck and Timber Prep (or a proprietary household bleach solution as mentioned earlier), then spot stain bare areas, allow to dry overnight and apply one full coat of stain over the whole area. It is important to note that darker colours will attract more heat and the interval between re-staining may be reduced.

Stains are designed to penetrate the timber. Application of excess stain will form a layer on the surface, giving no benefit, and may ultimately peel off, so it is recommended that when maintaining a stained building, the exposed, weathered areas receive one coat of stain and then one full coat of stain is applied to the entire building. This avoids excessive build-up of stain in sheltered areas.

The look of a well-stained deck, wall, fence or even furniture adds a touch of authenticity to the most natural element on your property – timber. It is worth doing this project properly and your helpful, knowledgeable team at Mitre 10 can provide you with all the specifications, tools and advice you need.

TIMBER TYPE	INITIAL MAINTENANCE	SUBSEQUENT MAINTENANCE
Cedar dressed face board	12 - 18 months	18 - 36 month intervals
Cedar band-sawn face board	18 - 24 months	24 - 48 month intervals
Pine dressed face board	18 - 36 months	36 - 48 month intervals
Pine band-sawn face board	18 - 36 months	36 - 48 month intervals

WIN

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For more information on these great products go to www.wattyl.co.nz or call freephone 0800 735 555.

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Go online to www.nzprojects.co.nz and click on 'Competitions' to submit your entry or send your name, physical address, daytime phone number and email address on the back of an envelope to: Projects HOW TO – Wattyl Competition, 15 Berne Place, Birkenhead, Auckland 0626 before 30 November 2011.

You must include the missing words in this phrase:
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Six ways to luscious lawns

by Sandy Johnson

This is the perfect time of year to pay attention to your lawn. The work you do now will help the grass survive the inevitable dry weather. Pay attention to these basic requirements to improve your lawn:

1. Food

Fertilising helps freshen up your lawn; it requires food to remain healthy, survive drought and outgrow weeds. Grass needs nitrogen to maintain a healthy green colour, so always use lawn fertilisers, which are blended with a higher rate of nitrogen. Lawn fertilisers often contain iron, which is added to combat moss in lawns. Care is required around paths and patios, as iron will stain concrete, paving stones and tiles. Care also needs to be taken to apply dry fertiliser evenly, as it will burn the grass if it is left in lumps, and always water it in well.

2. Shadow

Growing grass under trees can be a challenge but there are a few simple fixes that you can do to increase the chance of success. Use seeds that are blended to suit shady areas. Thin out the canopy of the tree and remove some of the lower branches to allow more sunlight through. Alternatively, plant a garden around the tree and start the lawn at the outer edge of the canopy.

3. Mowing

The blade setting on your lawn mower should be on high rather than low. The grass will shade its own roots and keep the lawn greener in times of drought. Cutting your lawn too low risks scalping, which will leave bare patches. When the lawn is growing, it should be cut to a height of 2.5cm and in slow growth periods cut to a height of 3cm.

4. Moisture

An excess of moisture from rain or overwatering will require you to aerate your lawn to avoid your grass thinning out. A garden fork is perfect for this job. Simply start by marking the lawn in strips and then push the fork into the soil to a depth of approx 15cm at regular intervals. Leave the lawn for a week or two to aerate and then fertilise.

5. Clean

Maintain your equipment: sharpen or replace mower blades to ensure a clean cut and rinse clippings off your mower to reduce the spread of disease. Grass clippings make great mulch but avoid putting them against the trunk of your trees, as this will encourage pests.

6. Worms

Earthworms are good, as they aerate your soil and their castings will break down to feed the lawn. They are also great burrowers and it is these burrows that aid in the distribution of water. So be kind to worms, as they have a purpose in the garden and in your lawn.



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November *checklist*

by Sandy Johnson

Watch how your garden grows is the message for the month of November, with the warm temperatures and great growing conditions that this time of year produces. Our monthly checklist will help guide you through the tasks you need to undertake to ensure success in your garden.

Home grown

The majority of your summer crops will now be in the ground, but it is not too late for planting more if you have the room. In some areas of the country in early November, the climate is often a little kinder to some of your more delicate plants.

- Continue to plant lettuce in fortnightly intervals to ensure a continuous supply.
- Dwarf beans can also still be planted at this time of year.
- Tomato laterals grow in the angle of each leaf on the main stem, but they aren't necessary and will weaken the plant, so remove them when they are small by rubbing your thumb across the growth.
- Remember to support your tomato plants as they grow.
- Fertilise your tomato plants every two weeks with Results Blood and Bone or Yates Thrive.
- Thin out carrot, radish and beetroot seedlings and use

these in your salads.

- Remove any plants that are weak and failing to thrive as they are taking up valuable resources.
- Give your potatoes Yates Dynamic Lifter and mound up the soil around them as they grow.

Fruit trees

- Plant passion fruit now and remember that they are gross feeders so give them plenty of compost and a handful of Results sheep pellets.
- Tree tomatoes can be planted once the danger of frosts is over. Stake well until they are established.
- Give your strawberries a boost with a dressing of blood and bone or Yates Thrive Fruit and Flower every two weeks; the fruit should be appearing now.
- Spray all citrus trees with copper oxychloride once all the petals have fallen off and the young fruit has formed; this will help combat verrucosis, brown rot and thrips.

Flower garden

- Feed your flowers well with a general fertiliser.
- Spring bulbs will benefit from a little side feed of blood and bone as they die away; this will enable them to store food for the coming season.
- Hibiscus bushes will benefit from a feed of citrus fertiliser, just water it in well.

Lawns

- Keep up regular maintenance on broadleaf weeds in the lawn.
- Fertilise your existing lawns and water them well.
- Cut your lawn a little longer as the weather warms up, as this will make the grass wear better and help it survive the drier weather.

TOOL OF THE MONTH

TORPEDO HOE

IDEALLY USED FOR:

The Torpedo hoe is a design unique to New Zealand that has been used by generations of gardeners. The angle of the head and long handle is designed to make weeding easier without the need to bend. When weeding in loose soil like the vegetable garden or flower bed, hoeing is best done when the weeds are small. By using a push pull action the torpedo shaped head easily slices below the surface of the soil to take out the weeds at the roots.

FEATURES:

The Atlas Home Torpedo hoe is made from strong durable carbon steel, the head is powder coated to help protect it from rusting. The durable long wooden handle gives you plenty of reach amongst plants.

TOP TIP:

Keep your cutting edge sharp for a cleaner cut through the soil. Turn the hoe on its end, the sharp point is perfect for running down the edge of paving stones etc to remove small weeds.

IN USE:





Brings your garden to life



The new range of Yates Dynamic Lifter PLUS organic based plant foods are uniquely formulated from a chicken manure base, PLUS some additional fertilisers for specific plant types. Ideal for pots and garden beds, it is compacted into an easy-to-use pellet, which rejuvenates the soil and slowly releases its nutrients to feed your plants.

Yates, bringing gardens to life since 1883.



DPP41792

For more information, please visit www.yates.co.nz



Summer flavour - ites!

Summer is on its way!

So it's time to clean the barbeque in preparation for convivial evenings spent with friends and family.

While you're at it, plant up a pot of fresh herbs: dill for freshly caught snapper; rosemary to enhance butterfly lamb; sage and thyme to flavour pork fillet; fresh basil to throw over vegetable skewers and grilled tomatoes!

Easy to grow, good to eat

Herbs are generally unfussy and grow well, given plenty of sun and reasonable soil. Good drainage is also essential. However, to get the most tender, tastiest growth from culinary herbs, dig plenty of compost into the soil and add Dynamic Lifter PLUS Leafy Vegetable Food.

Frequent picking also promotes tender new growth, so make sure you use your fresh herbs!

Culinary herbs are handiest when planted close to the kitchen or right beside the barbeque. Smaller growing herbs can be poked in amongst ornamentals and vegetables, or grown in hanging baskets and containers.

Yates Artesian or Tuscan Edge self-watering pots are ideal for summer, as you won't need to worry about watering so often. For best results, fill containers with Yates Premium Potting Mix. Larger growing herbs, such as rosemary and bay, make excellent hedges and attractive topiaries to adorn decks and al fresco dining areas.

The most popular culinary herbs for sowing now include: basil, coriander, mint, parsley, chives, dill, sage, thyme and oregano. Don't forget to plant your mint in a pot to prevent it invading the rest of the garden!

Edible tee-pee

Beans are also very easy to grow and produce excellent yields for the space occupied. Grow them on bamboo tee-pees to save space and if you have little children; leave an opening for them to crawl through. They love hiding in the tee-pee and reaching out to pluck fresh beans off the vine!

Beans grow well throughout the country and will fruit until April in warmer areas. Popular 'Scarlet Runners' are more suited to cooler areas, as they tend to stop setting fruit when night-time temperatures exceed 16°.

November's the perfect time to plant beans, as the soil will have warmed sufficiently for optimum germination. There's also less chance of any setbacks due to inclement weather. Beans respond best when planted in well-composted, moist soil.

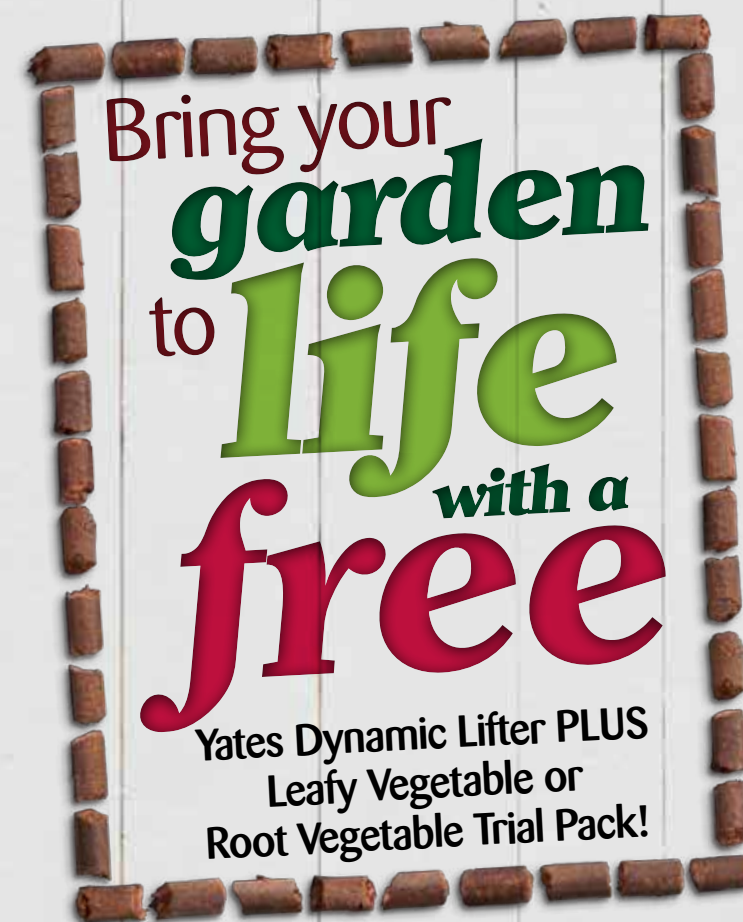
After germination, apply a slow-release fertiliser such as Yates Gro-Plus Professional Total Plant Food, which will feed plants continuously for up to three months.

For something a little different, try growing a mix of coloured beans including Yates dwarf Borlotti, dwarf Golden Wax 11 and climbing Purple King.

For more inspirational gardening tips, visit the Yates website, now optimised for android / smart phone use, or download the Yates iPhone app.

Join our online growing community for extra tips and advice with the Yates Vegie Growing Challenge or join the Yates Garden Club for monthly email tips on what to do in your garden and check us out on Facebook and Yahoo Lifestyle!

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Go to www.yates.co.nz to order yours today!



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DPP41793

Bug out!

by Sandy Johnson

With the warmer months ahead, the onslaught of creepy critters has begun and the battle to rid your home of these pests is on!

With How To magazine's guide to a bug-free home, there's no need to call a professional fumigator; we will show you how you can apply your own barrier sprays to keep pests and bugs at bay.



Barrier sprays

The best way to get long-term control around your home can be purchased in a concentrate or a ready to use form. Barrier sprays work by leaving a film of insecticide on surfaces and, depending on where you apply the spray and its exposure to sunlight, it can last up to six months.

There is no residual smell or staining of woodwork, so it can be used inside your home, along skirting boards and windowsills. You can also use these sprays as a perimeter defence around and close to the foundations of your house.

These barrier sprays will control ants, cockroaches and flies as well as spiders, fleas, silverfish, mosquitoes and carpet beetles.

Whether you use a ready-mixed product or you mix your own, prepare the areas of the house where you want to apply the spray:

- Wash or brush away all cobwebs.
- Leave the house to dry before applying any barrier spray.
- A garden sprayer is fine for applying barrier sprays, but keep it separate from other uses.
- A sprayer with an extension wand will give you extra height for hard-to-reach places.
- Spray on calm days, as windy conditions can cause the spray to miss the areas.
- Pay particular attention to areas where bugs like to land or build nests, such as light fittings, down pipes and window and door frames.

Say **BYE BYE**
to bugs & rodents



MCGREGOR'S

BYEBYE™ Bugs **NEW** flytrap attracts & kills common house flies & blowflies.

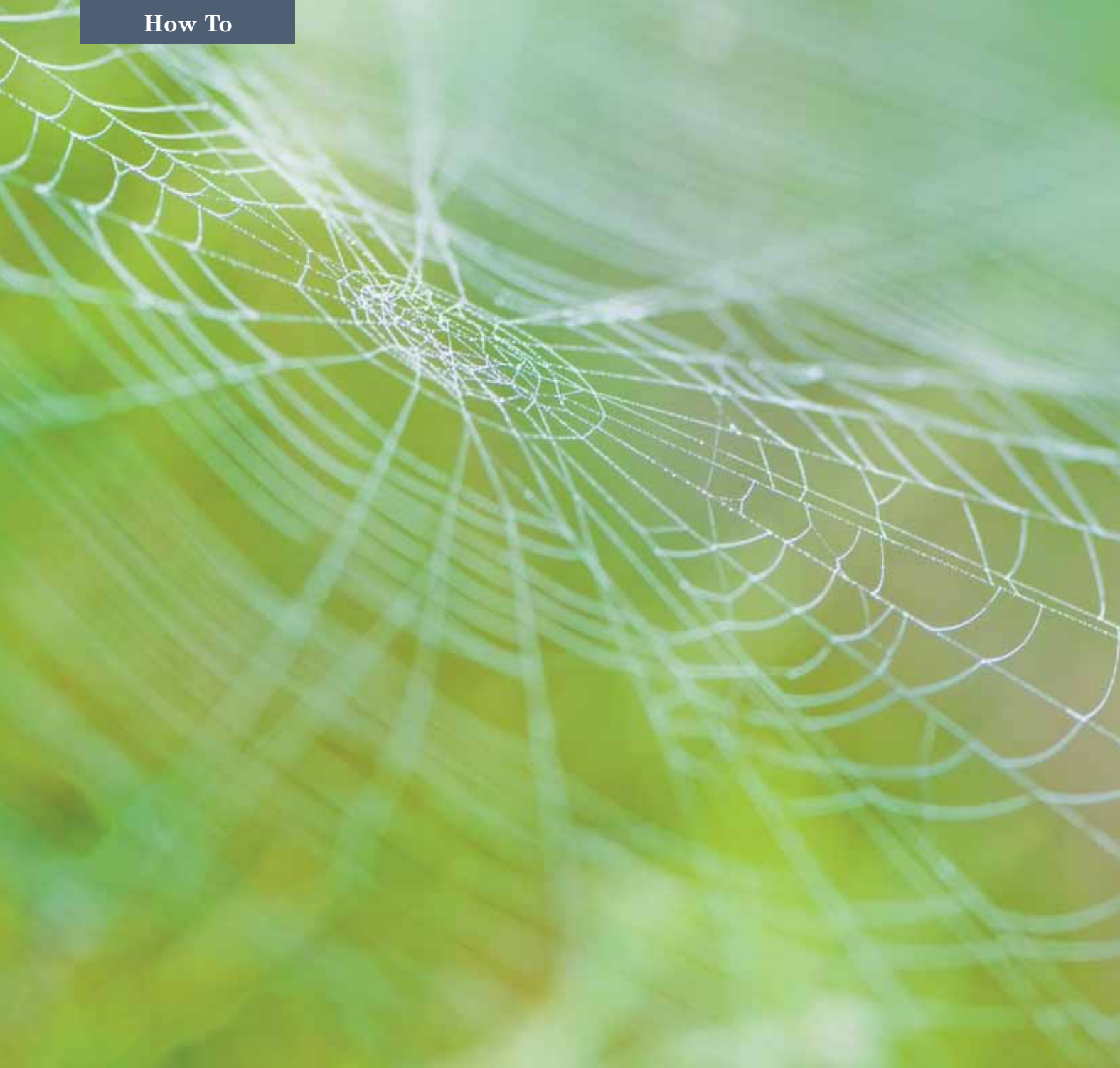
Helpful Fly Control Hints:

- Flies are dormant at temperatures less than 18°
- Set traps early in the season at the first sign of fly activity to help prevent fly numbers building up.

www.mcgregors.co.nz



NEW
Common house
fly & blowfly
trap



- You can also use these sprays as a perimeter defence around the foundations of the house.
- Use a barrier spray to treat the undersides of your outdoor furniture if spiders are a problem.
- These sprays are only to be used where recommended – do not use on your vegetable crops!

Fumigators or bombs

Used as a wholesale clean-up, the vapour moves uniformly through the room getting into the cracks and crevices. It is a blanket approach, providing a knockdown effect for all insects that are in the house when you fumigate. Bombs are perfect for treating an empty house before you

move in, especially if the previous owners had animals; it can be left overnight to work.

Before using any fumigators, there are a few safety precautions you need to take:

- Cover all aquariums.
- Remove all pets.
- Close all doors and windows.
- Open wardrobe doors
- Put one in the roof space and under the house.
- Stay away for the day.



Bait traps

These are an effective control method for eradicating whole nests by allowing the pests to take the poison back with them. Follow their trails to find the best spot to lay the bait. Ants may have a few entry holes and the last thing you want to do is trap them in the house. Ensure that baits are placed well away from pets and children.

Sticky traps

Poison-free heavy-duty cardboard traps that have an attractant mixed with sticky glue effectively trap cockroaches or any other crawling insects. These traps are effective for around three months and can be disposed of in the bin.



- ✓ Effortless Twist and Lock System
- ✓ Programmable Timer
- ✓ Low Battery Warning
- ✓ 360° Design

Raid Automatic Advanced Do-It-Yourself Expert Control System is designed for continuous protection against flying and crawling insects

TRY ME FOR 1/2 PRICE

Visit your local hardware store to try this new product for half price this Summer.*

*Conditions apply. See in store for details.

WHO	SEASON	CONTROL	TIPS
Whitetail Spider	Summer	Fumigators	<ul style="list-style-type: none">Fumigators are best for hard-to-reach areas.Whitetail spiders like dark dry places, such as the roof space.
Spiders	All year	Barrier sprays: Yates Blitzem Insect Killer concentrate	<ul style="list-style-type: none">Spiders are great hunters, doing their own bit to control flies, so go easy on them.
Borer	May to August	Contact spray or fumigation	<ul style="list-style-type: none">Borer is on the wing during September to April, emerging from the woodwork to mate.
Ants	Summer	Bait stations: Yates Neverong, Yates Blitzem Ant, Flea and Tick Killer; Yates Indoor and Outdoor spray.	<ul style="list-style-type: none">Follow their trails to find the nest.Place bait stations near ant nest or beside their trails.
Flies	Summer	Barrier sprays, fly paper or baits trays.	<ul style="list-style-type: none">Clean up after your pets; don't leave animal faeces around as it attracts flies.Fly papers are perfect for use when camping, in barns and stables.Fly traps are useful around compost bins.
Fleas	Summer	Spray and bombs for a bad infestation	<ul style="list-style-type: none">Use a total control as this will treat the eggs larvae and adults.Treat your pets with your choice of flea control to help break the cycle.Cat fleas will move to humans when no cat is available.
Mosquitoes	Summer	Barrier sprays: Yates Blitzem Insect Killer	<ul style="list-style-type: none">Don't leave containers of stagnant water around as they are breeding places for mosquitoes.
Cockroaches	All year	Barrier sprays (Yates Blitzem Insect Killer) and sticky traps.	<ul style="list-style-type: none">Place traps in the warm dark places close to food that cockroaches like to hide, behind stoves, washing machines fridges and sinks.Avoid putting in direct sunlight or very damp places.Avoid putting in direct sunlight or very damp places.
Wasp	Summer -Autumn	Dust or spray: Yates Blitzem Wasp Killer	<ul style="list-style-type: none">Use at dusk when all the wasps are back in their nests.Wasp can drive out the bees and therefore reduce pollination.If the nest is too large or too high then call in the professionals to deal with it.

Spraying safely

- ALWAYS read and follow the manufacturer's instruction in relation to the mixing and use of chemicals - they have worked out what you need.
- Never invent a brew by mixing chemicals together.
- Keep a set of mixing and measuring tools just for mixing chemicals – store them with the chemical SAFELY away from children.
- Wear protective clothing, PVC gloves, protective glasses and a respiratory mask when spraying and mixing chemicals.
- Wash out all equipment when finished.

If poisoning occurs, follow the first aid instructions on the bottle and seek medical attention. The National Poison Centre number for 24 hours poison advise is 0800 764 766.



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your natural solution for pest control indoors & outdoors



stop cockroaches, pantry & clothes moths, silverfish & spiders, codling moth, ants, aphids & thrips, wasps, slugs & snails and rodents!



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or call: 09 421 0190

Trouble shoot *your pools*

Whether you have a pool or a spa or both, you will be involved in the delicate balance of keeping your water clean and clear. With the constant barrage of contaminants finding their way into your backyard water world, it's handy to have a troubleshooting guide to show you How To fight back.

We talked to some experts in the pool chemical industry to find out what main problems you are likely to encounter, their causes and the best solutions.



Regularly test your spa pool with test strips to ensure the right balance of chemicals exists for healthy water and healthy bathers. Adjust the alkalinity and pH as needed with trusted products and add sanitiser to keep your spa pool free from bacteria and algae.

Just like your spa pool, regularly test your swimming pool with test strips to ensure the right balance of chemicals exists for healthy water and healthy swimmers.

Adjust the alkalinity and pH as needed with trusted products and add sanitiser to keep your swimming pool free from bacteria and algae.

This summer, your pools will provide you with all the fun and relaxation you deserve. Following this troubleshooting guide will keep your pool tasks down to a minimum. For more advice and all the chemicals and products you need for your pool, visit your local Mitre 10 and talk to the knowledgeable staff.

Sanitiser has the job of oxidising organic contaminants.



So, let's look into the waters of your spa pool first:

PROBLEM	CAUSE	SOLUTION
Cloudy water	Early algae growth / build up of body fats.	Adjust pH to 7.2 – 7.6. Ensure the recommended dose of chlorine is added consistently. Remember to change the water every two to three months.
	Poor filtration / high levels of solids.	Check your filter operation. Use a filter cleaner like Poolsta on a regular basis to ensure your filter performs at its optimal level.
Unpleasant odour	Excess build up of chlorine presence of chloramines*.	Adjust your pH to 7.2 – 7.6. Add chlorine after you have used your spa not before.
Difficulty maintaining pH	Low alkalinity.	Increase alkalinity to 120 – 150 ppm by adding a buffer.
Eye and skin irritation	Incorrect pH / presence of chloramines*.	Adjust pH to 7.2 – 7.6.

* In spa pools, chloramines are formed by the reaction of free chlorine with organic substances.

OK, time to dive into the deep end of your swimming pool:

PROBLEM	CAUSE	SOLUTION
Green water	Algae on walls and floor of the pool.	Adjust the pH to between 7.2 – 7.6. Shock dose and run the filter overnight (repeat if you need to). As a preventative method use Superblue Algecide.
	Excessive build up of stabilisers (cyanuric acid block).	Drain the pool of two thirds of the water, fill with fresh water and adjust the water balance.
Coloured water	Algae or mineral accumulation.	Adjust pH to 7.2 – 7.6, shock dose, flock filter, backwash, vacuum and readjust pH.
Cloudy water	Early algae growth / build up of body fats.	Adjust pH to 7.2 – 7.6, shock dose and run the filter overnight.
	Poor filtration / high levels of solids.	Check your filter operation. Use a filter cleaner like Poolsta on a regular basis to ensure your filter performs at its optimal level.
Unpleasant odour	Excess build up of chlorine / presence of chloramines*.	Adjust pH to 7.2 – 7.6. Shock dose and run filter overnight.
Difficulty maintaining pH	Low alkalinity.	Increase alkalinity to 120 – 150 ppm by adding a buffer.
Eye and skin irritation	Incorrect pH / presence of chloramines*.	Adjust pH to 7.2 – 7.6. Shock dose.
High chlorine usage	Heavy usage, hot weather, low pH.	Increase chlorine dose rate / adjust pH to 7.2 – 7.6.

Build in your energy savings now...

and save up to a further 17% on your heating costs*

Building or renovating is the best time to include insulation that will future-proof your home. By using Pink® Batts® thermal insulation you can reduce the amount of heat loss from your home. This diagram explains where the heat is lost from a home, and what products to use where.

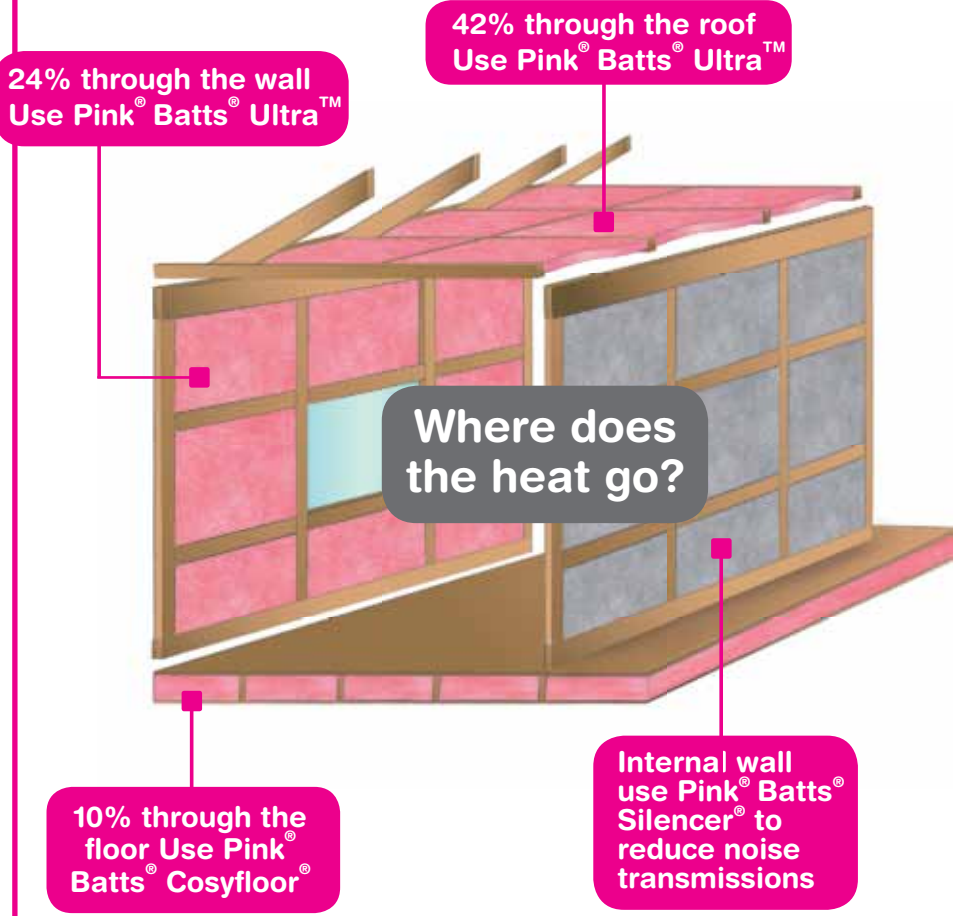
Go beyond the minimum and save

Install insulation with higher R-values to future proof your home against rising energy costs. An R-value measures a products resistance to heat flow. By installing insulation with a high R-value such as Pink® Batts® Ultra™ into walls, ceilings and under your floors, you can create a significantly warmer and more comfortable home that's free from mould and condensation. Also, you can reduce your home's heating costs by up to 17%* compared to installing the minimum levels required by the NZ Building Code.

Consider sound as well

Use Pink® Batts® Silencer® acoustic insulation strategically, by building into internal walls wherever you wish to decrease sound transmission between rooms; such as bedroom and bathroom.

*Test results illustrate estimated energy savings for particular scenarios. Savings will vary depending on factors such as building design, construction and location. Building Workshop Architectural Consultants 2005.



We'd love to help you further

Our Comfort in Style brochure is full of tips and how to's for planning, buying and installing the correct insulation.



For a FREE copy, email us on savings@pinkbatts.co.nz. Include your name and postal address and we'll send you a brochure.



WARM · DRY · QUIET
www.comfortablehomes.co.nz

Splashing around.

Playing in the pool with James

Is your pool ready for summer?

✱ There's nothing better than diving into a nice, cool pool on a hot summers day. Kiwis love the water, and pools provide a great entertainment area for both adults and kids.

The days are getting longer and the weather is starting to warm up, so now is the time to get prepared! Make sure you keep your pool sparkling clean, so you can relax, have fun and create lasting memories with your family and friends.

Whether it's testing, problem solving or maintenance products you're after, Poolstar's extensive range has everything you need to keep your pool or spa healthy and fresh all year round. The full range of Poolstar products is available from your local Mitre10 store.

P:0800 33 44 75
www.clarkproducts.co.nz

Of course you can make it

because GoldenEdge makes it easy with
Easi-Planks, Easi-Panels and Primed HMR Mouldings



Easi-Planks

Made from 18mm
GoldenEdge MDF in a range
of convenient lengths and
widths to suit the DIYer.

Can be painted or stained.

Sizes (mm)

1800x300, 1800x400, 1800x600
2400x300, 2400x400, 2400x600



Easi-Panels

These come in a range of
thicknesses from 4.75 to
18mm, ideal for all sorts
of projects.

Sizes

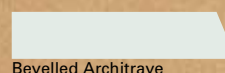
4.75 and 6mm
1200x600, 1200x900, 1200x1200
9, 12 and 18mm
1200x600, 1200x900



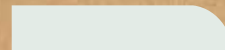
Primed HMR Mouldings

This range of mouldings are
machine coated with a
premium acrylic undercoat.

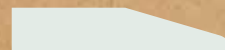
In 5.4m lengths.



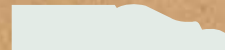
Bevelled Architrave



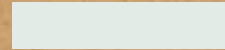
Bullnose Architrave



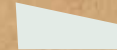
Splayed Architrave



Colonial Architrave



Square Dressed



Bevelled Cornice

GoldenEdge Medium Density Fibreboard (MDF) is
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Whether you are making kitchen joinery, bookcases,
storage cabinets, furniture or toys, you'll make it
easier with GoldenEdge MDF.



from your nearest
Mitre 10 or Mitre 10 Mega

