







Urban Paving are a market leader in the paving and landscaping industry.

Our products include an extensive range of paving; concrete, natural stone and outdoor porcelain, as well as quality landscape supplies and custom concrete pieces. Urban Paving are a one stop shop for all paving and landscaping needs; whether for the experienced contractor or DIY at home.

We believe our environment is the key to the success of our business.

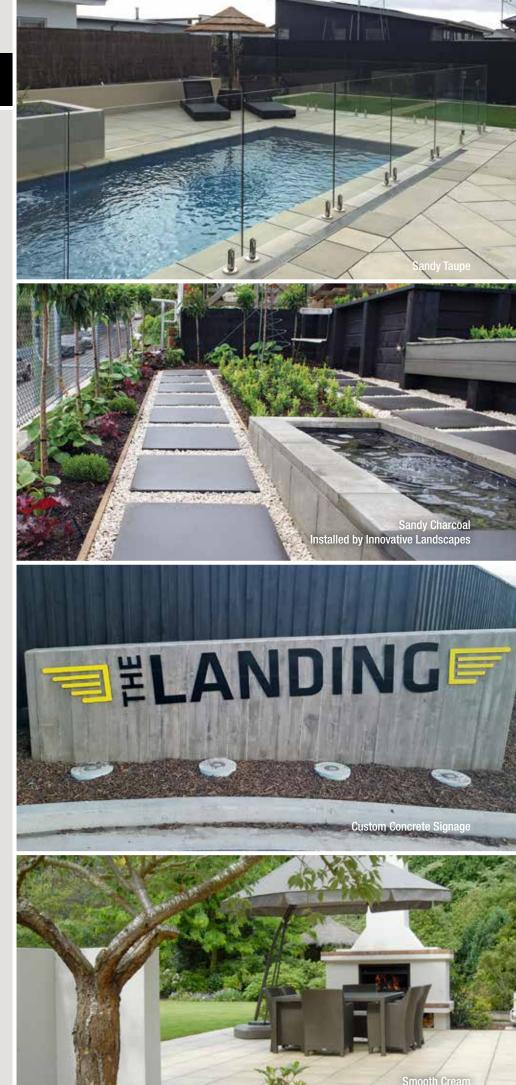
We seized the opportunity to source beautiful raw materials from our region and assemble a knowledgeable team committed to excellent production and customer service.

Where possible we implement environmentally friendly practises and do all we can to ensure all facets of our business are sustainable.

Importantly, we are community oriented; often supporting local schools and charities wherever possible. Our partnership with the landscape architecture students at Lincoln University is something we see as a vital and rewarding investment in the future of our industry. We also love being involved with local shows and events - it is a fantastic opportunity to be a part of our local community. As a member of the Registered Master Landscapers Association we have built strong connections in the industry which serve our customers well.

Thank you for taking the time to look through our brochure; we hope it inspires you! Please don't hesitate to contact us, we are happy to help you in any way we can.

Front cover images: Flamed White Granite installed by Allscapes, BL: Black Reefstone Porcelain installed by Onlandscapes, BR: Smooth Natural installed by Outerspace Landscapes



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office@urbanpaving.co.nz

Sunday and Public Holidays 9am - 4pm

Concrete Paving



Urban Paving have been in the business of manufacturing quality concrete pavers for more than 20 years. Over this time we have developed the largest range of natural wet cast pavers to suit every situation and add value to your space.

We have the range!

Whether it be a timeless smooth paver, the sandy textured finish, an English Yorkstone style or a classic exposed aggregate, we have the paver for you.

We have the quality!

Urban Pavers are made with the highest quality materials and natural, sustainable products where possible. All products are carefully manufactured with state of the art technologies at our premises in Christchurch, where temperature, humidity and other variable conditions are controlled. This ensures you receive the highest quality product which will stand the test of time.

How do I choose the right paver for me?

For every paving project, in order to achieve the desired outcome, key things to consider include colour, texture and size choices. Urban Paving offer a range of concrete pavers to satisfy all your design requirements.

> "When undertaking landscaping projects for our clients it's important to know we are sourcing quality products that will last.

This is why we choose to buy from Urban Paving.

They not only provide

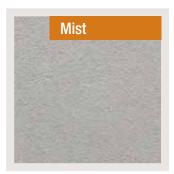
top quality pavers and landscaping supplies; they also provide excellent customer service. The staff are friendly and efficient, ensuring the whole process from ordering to delivery runs smoothly."

Concrete Paver Colours













For installation

laying

on page 22

advice refer to our

Urban Paving can manufacture non-standard and custom colours. Non-standard colours cost

approximately 20 percent more to manufacture.

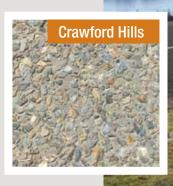
At Urban Paving we are constantly modifying our range of paving. Visit urbanpaving.co.nz for more.









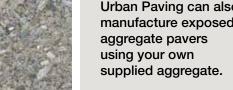








Urban Paving can also manufacture exposed



Concrete Paver Profiles

Standard

Bull Nose

Bullnose Pavers

A smooth, rounded edge as an alternative to the standard straight edge. Most commonly used on pool edges and steps.



Textures

Urban Paving manufacture four different textures of concrete pavers.



Smooth textured pavers provide a classic and timeless look to your paved area.



Urban Paving's Sandy textured pavers have a grainy finish which is highly slip-resistant. A safer choice for pool surrounds or areas where weather conditions may compromise the surface grip of the pavers.



Exposed aggregate pavers showcase the aggregate and add a natural element to your paved area.



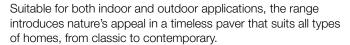
Yorkstone pavers give a classic English slate look and are often laid in a random pattern.

Concrete Paving

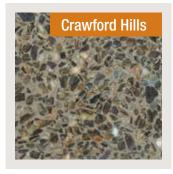


Honed Paving

Urban Paving use natural products and modern technology to create a stylish range of Honed paving. From river and beach stones to sands and schists, our Honed pavers are made using the South Island's natural aggregates to create an engineered-smooth finished paver that offers superior performance and longevity.

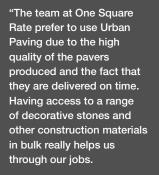


The honed surface of these pavers exposes the aggregate mix, creating a stunning effect which is sought after for paving and entertainment areas. With certified slip resistance they enhance all paved areas, recommended for courtyards, paths and patios.



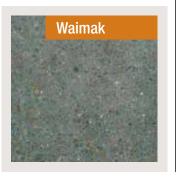












The team at Urban Paving are always happy to help and deliver a high standard of service, from the office staff to the team visiting us on site."

Gareth Scarlett, One Square Rate Landscaping



Honed

Paving







Enhancement and Care of Honed Pavers

Honed pavers are a high value, quality product. We recommend sealing Honed pavers after their installation to ensure a superior finish.



Bullnose Pavers

Honed Bullnose pavers are most commonly used for steps and around swimming pools.
They can be bullnosed on more than one side if required.
If used for a swimming pool please advise us as we do a special grind to improve slip resistance.

Concrete Paver Sizes

Urban Paving manufacture pavers in a wide range of sizes to best suit your landscape requirements. If you need a size or texture outside this range, get in touch with our team to talk about custom paving sizes.

Paving Sizes

Nominal 40mm thickness

tommai tommi un	ioniicoo		Sizes
SIZE (MM)	NUMBER PER SQ M	KG PER PAVER	Nominal 38mm thickness
1000 x 500	2	41	SIZE (MM)
600 x 600	2.8	32	600 x 600
600 x 300	5.5	16	600 x 300
500 x 500	4	22	500 x 500
500 x 250	8	11	500 x 250
450 x 450	5	18	450 x 450
450 x 225	10	9	400 x 400
400 x 400	6.25	15	400 x 200
400 x 200	12.5	7.5	450 x 225
300 x 300	11	8	300 x 300
Aircon unit (900 x 450 x 50)	2.47	44	Aircon unit (900 x 450 x 40)

Concrete Paving Available by Texture

Nominal 40mm thickness

			EVECATE
SMOOTH	SANDY	YORKSTONE	EXPOSED AGGREGATE
1000 x 500	-	-	-
-	-	-	900 x 450
600 x 600	600 x 600	600 x 600	600 x 600
600 x 300	600 x 300	600 x 300	600 x 300
500 x 500	500 x 500	-	500 x 500
500 x 250	500 x 250	-	500 x 250
450 x 450	-	-	450 x 450
450 x 225	-	-	450 x 225
400 x 400	400 x 400	-	400 x 400
400 x 200	-	-	400 x 200
300 x 300	300 x 300	300 x 300	300 x 300
Aircon Unit (900 x 450 x 50)	-	-	-

Bullnose Paver Sizes

Nominal 40mm thickness

ѕмоотн	SANDY	EXPOSED AGGREGATE
600 x 300	600 x 300	600 x 300
500 x 500	500 x 500	500 x 500
300 x 300	300 x 300	300 x 300

NB: Paving sizes are nominal, we recommend having a grout line of 9-15mm between pavers to allow for any small variations.

Outdoor Porcelain Paving











"Not only do Urban Paving have excellent quality concrete pavers, but I love the porcelain and all the natural stone products too! Their team are excellent to deal with, nothing is ever a problem; a really efficient process from order to delivery."

Lee Squires, Dragon Stone Paving Ltc

Porcelain Pavers

Outdoor Porcelain Paving is the latest addition to the Urban Paving range. More than just a beautiful paver, these engineered flagstones sourced from China are designed to withstand the tough New Zealand conditions and can handle whatever life throws at them.

We call it "Life Resistant"

Made from tough compressed material that is glazed and fired in a kiln at over 1000°C, Cutdoor Porcelain Paving is dense, strong and highly abrasion-resistant, making it extremely hardwearing, highly stain-resistant and colour-fast.

Outdoor Porcelain Paving is a great option for spaces that will experience a lot of wear and tear, perfect for those who enjoy entertaining. High stain resistance allows for spills to be cleaned up easily and ensures the paving will look great for years to come. The fired glaze of the paving is tough; designed with a special texture that creates a highly slip-resistant surface making it a safe option for those with a young family or pool.

If you are looking for a low-maintenance option for your landscape, choose Outdoor Porcelain Paving.



Installation

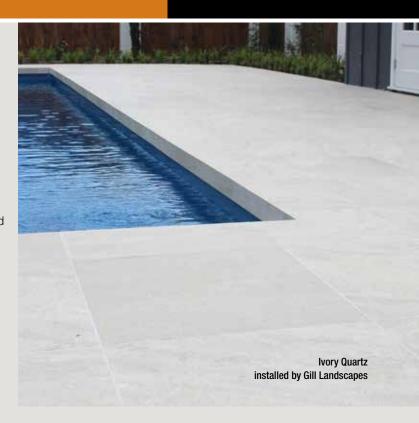
The 20mm thickness and extremely dense composition of Outdoor Porcelain Paving allows for multiple installation methods.

We recommend a "professional method" for installing your Outdoor Porcelain Paving, to ensure the pavers stay bonded and remain true to level.

These pavers can be installed on a bed of mortar, on compacted base course or even over a concrete slab. We strongly recommend using Cemix Cemkey - a bonding agent painted on the back of the paver to provide extra "stick". These pavers are also strong enough to be installed on a Pedestal System, allowing for space under the pavers for drainage or utilities.

We recommend a grout gap of 3mm to 15mm to enhance the look of your Outdoor Porcelain Paving. For pool installations we recommend 5-15mm.

Use stringlines or tile spacers to get the perfect professional grout line.



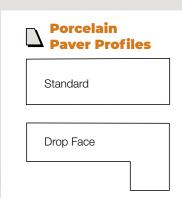
Porcelain Paver Size

	IVORY QUARTZ	GREY QUARTZ	REEFSTONE	BLACK REEFSTONE
Stock sizes available (mm)	600 x 600	600 x 600	600 x 600	600 x 600
Arissed Edge (mm)	600 x 600	600 x 600	600 x 600	600 x 600
Dropface (mm)	600 x 400 x 60			

Other colours and sizes are available on request, give our team a call to find out more.

With more than 24 unique faces in each paving style, Outdoor Porcelain Paving is designed for large outdoor areas without visible patterns.





WHY PORCELAIN?

Here are a few reasons:

- Stain resistant
- **UV** resistant
- Will not change colour
- Abrasion resistant
- No sealing needed
- Slip resistant
- Frost-crack resistant
- Easy to maintain
- Safe around pools
- Affordable
- Chemical resistant
- For use on pedestals
- · Can be installed on mortar
- Dimensionally accurate
- Extremely dense

Sandstone Paving





With a passion for the most hard-wearing and aesthetically pleasing stones of the world, Urban Paving stock a beautiful selection of sandstone paving.

Each paver is unique in both texture and colour; this is part of the beauty of natural stone. Together, the colours create a great blend of natural tones within a controlled colour palette. Sandstone brings quality and durability to your outdoor area and weathers beautifully in our natural environment.

Our range of sandstone is sourced from reputable international quarries in India, personally visited by Urban Paving to ensure they comply with with our ethical and quality standards.

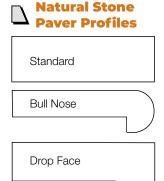
Sandstone Colours

Sandstone paving is available in a range of colours. Each shade has its own charm and character, with a hue to suit a range of home spaces from classic to contemporary. Colours currently held in stock include Cloud and Walnut. However other colours can be sourced on request.





For installation advice refer to our laying guide on page 22



Bullnose and Dropface Pavers

Many homeowners choose natural stone pavers for their pools, entertaining areas and pathways because of their slip resistance and natural beauty. Urban Paving can provide bullnosed and dropface pavers for the soft edges around pools and steps, and can bullnose on more than one side as requested. There are some limitations for use in salt water pools – please enquire with Urban Paving.





Sandstone Paver Sizes

	CLOUD	WALNUT
TEXTURE	NATURAL SPLIT	NATURAL SPLIT
Stock sizes	900 x 600	900 x 600
available (mm)	600 x 600	600 x 600
	600 x 300	600 x 300
Coping style	Bullnose 600 x 600 x 40/25	Bullnose 600 x 600 x 40/25
	Dropface 600 x 400 x 60/30	Dropface 600 x 400 x 60/30

Custom sizes and shapes available on request.

Bluestone Paving



Sourced from the highest quality-controlled quarries in China, honed bluestone paving is unique both in colour and texture.

With its honed texture, the stone provides a contemporary feel while retaining natural charm and character. This includes the honeycomb veins which run through the stone; honeycombing is a naturally-occurring pitted pattern which brings a natural, pumice-like texture to the paving. The overall effect creates an interesting aesthetic and casts a pattern over the paving itself.

Being a natural product, bluestone pavers are extremely hard-wearing and easy to maintain. This product has proven popular with our customers and is a stunning addition to any outdoor area. We recommend bluestone is sealed to protect from staining and make cleaning and maintenance easier.

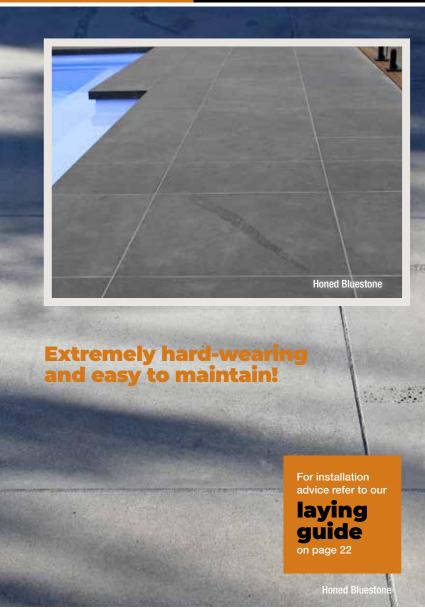


Bluestone Paver Sizes

Nominal 20mm thickness

BLUESTONE	
TEXTURE	HONED
Stock sizes	900 x 600
available (mm)	600 x 600
	600 x 300
Coping style	Bullnose
	600 x 600
	40 x 25
	Dropface
	600 x 400
	x 60/30

Custom sizes and shapes available on request.





"At Onlandscapes we choose Urban Paving, not only for their great range of products, but for the service we receive.

The champions at Urban simply take it to the next level in helping us with pricing, manufacturing and delivery of their awesome products!"

Ollie Newman, Onlandscapes



Granite Paving

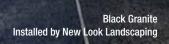
Our flamed granite pavers are another beautiful product in our natural stone paving range.

Sourced from the highest quality-controlled quarries in China, flamed granite paving is unique in both colour and texture. The flamed texture of the natural stone, available in black, grey and white, creates a modern look while retaining individual character. The texture of the flamed granite also maximises the slip resistance of the paving, making it ideal for pools and steps. Being a natural product, flamed granite pavers are extremely hard-wearing and easy to maintain. This not only makes them a beautiful product but a practical one, too. We recommend granite is sealed to protect from staining and to make cleaning and maintenance easier.









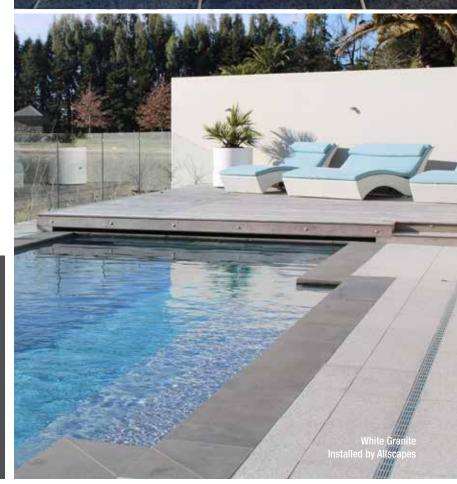
Granite Paver Sizes Nominal 20mm thickness

	BLACK, GREY, WHITE GRANITE
TEXTURE	FLAMED
Stock sizes available (mm)	600 x 600
Coping style	Dropface 600 x 600 x 60/30

Bullnose finish as well as custom sizes and shapes are available by special order.

"We need quality products and service from all our suppliers – without it we can't deliver the superior landscaping our clients deserve. Urban Paving is excellent; great products, efficient and friendly service and on-time deliveries so we can get on and get the job done. We have no hesitation in recommending them to others."

Jock Scott, Landscapes Unlimited



Natural Stone Setts







If you desire a

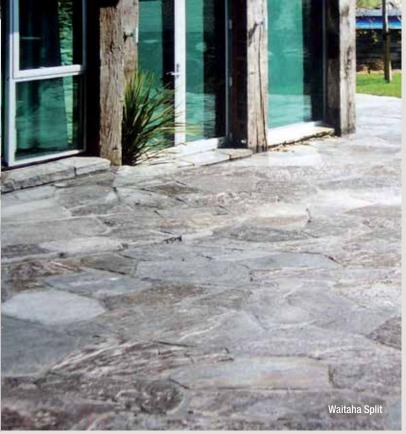
classic cobbled driveway or path, check out our natural stone setts.

Natural Stone Sett Sizes

GRADE	DIMENSIONS
Pedestrian	100 x 100 x 40/50mm
Vehicle	100 x 100 x 70/80mm



Waitaha Split Paving



* By special order only.

Waitaha Split Paving

While many of us appreciate exotic touches, other cannot look past the natural beauty of New Zealand.

From the South Island's West Coast, natural West Coast stone brings a depth, quality and untamed element unique to New Zealand. This under-utilised stone is a sparkling grey colour, and looks stunning for walling, outdoor living areas, pathways, pool and fire surrounds.

Waitaha Stepping Stones

Waitaha Stepping Stones, also from the West Coast, are a sparkling grey colour. A circular shape, they range in size from 300mm to 700mm and are popular for garden pathways.



Stonelock Paving

Stonelock Paving is an innovative and unique landscaping product; a plastic honeycomb mat with a permeable, weed-resistant geotextile base. It invisibly locks stones and pebbles into place, preventing stone movement and the creation of ruts.



Stonelock Paving can be used in most spaces including pedestrian pathways, gardens, sloped pathways, driveways, and car parks. It is a great alternative and provides a more natural look to poured concrete.

Key features:

- Quick and easy to install.
- Super strong, enhanced load-bearing causes no ruts, separating or sliding with vehicle traffic.
- Addresses a wide range of erosion control, earth retention, slope protection and stability issues.
- Keeps maintenance costs low, with easy upkeep and less gravel required.
- American Disability Association (ADA) compliant for pedestrians, bicycles and wheelchair traffic.
- Geotextile backing prevents weed growth and adds stability.
- When filled with stones or pebbles, sheets are almost invisible.
- SUDS (Sustainable Urban Drainage Systems) and LEED (Leadership in Energy and Environmental Design) compliant means minimal environmental impact.



For installation advice refer to our

Stonelock laying guide on page 24

Stonelock Paving is available in two colours — dark and light to match stone colour. All Stonelock Paving comes with a geotextile base already attached, preventing weeds coming through. The recommended aggregate size to use in Stonelock sheeting is 6-15mm.

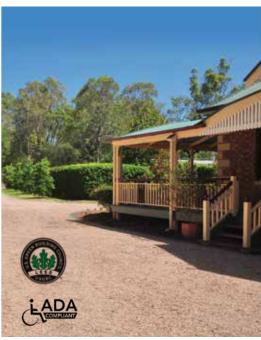
Stonelock Paving sheets are 1150mm x 800mm and 30mm deep (0.92m²).

1m3 of pebbles covers approx 30m2.









Custom Concrete



Urban Paving continues to excel in custom concrete pieces.

As well as our big runs of standard mould production, we are often asked to create something special. Examples include a grand entrance way, indestructible outdoor tables and benches or even special structures for the Civils industry.

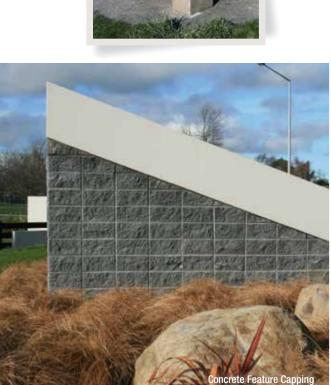
We have the right equipment to hone concrete surfaces to beautifully highlight the textures and looks of our wide range of aggregates.

Polished, coloured or the rough sawn look are other creations we work on.

If you are a professional company in the roading or rural sector, share your plans with us. We can provide what you need in certified concrete and in addition much of what we create for you is reinforced, to help ensure against damage or to meet structural requirements.

A key part of our specialty product offering is communication. Chat to us early in your planning process to ensure your ideas come together in a timely way. Urban Paving have extensive experience and pride ourselves on the quality of our products.









"Urban Paving is your one stop shop. The product range is huge and the customer service is second to none."

Alister Carleton - Allscapes Ltd









Urban Products

Over the years Urban Paving have developed a range of concrete products which are designed to suit indoor and outdoor living.

Urban Planters

Urban Planters are a stylish and timeless addition to any outdoor space.

Suitable for both classic and contemporary home and business environments, they are available in four sizes and in any of our Urban concrete colours or as Exposed Aggregate (see Concrete Paving colours, page 4).

Large Square: 540 Square x 560 (H) **Long Trough:** 1035(L) x 430(W) x 360(H) Tall Skinny: 430 Square x 700(H) Small Square: 430 Square x 360(H)

We can custommake planters to suit your requirements, contact us for more information.



Small Square Cream



Tall Skinny Taupe



Large Square Exposed Aggregate













Tree Rings

To tidy up around the base of your shrubs and small trees. Two sizes available,



Dog Bowls

Large: 340mm

Small: 180mm
These dog bowls
are very solid and
make a great
alternative to the
conventional plastic
bowl. Your dog will
have a hard time
trying to tip over

or move these!



Pyramid Caps

Urban pyramid caps are great for letterboxes, garden posts or pillars around your property. Available in any of our concrete colours (see Concrete Paving colours on page 4).

Available in the following sizes:

670mm x 670mm 560mm x 560mm 425mm x 425mm 335mm x 335mm



Crossing Blocks

Available in four sizes, these are used for crossing over deep gutters from the street and onto driveways and footpaths.

Available in the following sizes:

425mm x 500mm 450mm x 500mm 475mm x 500mm 450mm x 600mm



Bike Stand

Dimensions:

640mm (L) \times 230mm (W) \times 110mm (H) Great for tidying up the kids' bikes. Best for mountain bike tyres.



Rounds

Available in any of our concrete colours (see Concrete Paving colours on page 4).

Sizes: 340mm or 430mm





Log Rounds

460mm

Both Log Rounds and Rounds are great to use as stepping stones, either around the garden or out to the washing line.

Borders

Urban borders are available in a smooth finish in any of our concrete colours.

Popular for use as a mowing strip or to define a garden edge.

Dimensions:

500 x 100 x 50mm

Aircon Paver

Aircon pavers are designed to securely support air conditioning units and gas bottles.

375 x 375mm pavers are also available for gas bottles.

Dimensions:

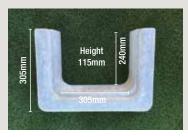
900 x 450 x 50mm*



Log Rounds

Gully Traps

A handy way to protect and tidy drains.



Landscape Supply Products





Teddington Chip

This is a Canterbury favourite; a local coloured chip from Banks Peninsula available in 20mm or 40mm. It has earthy brown and terracotta undertones and can be used in gardens and pathways. Supply can be seasonal, please enquire for availability.



Blackstone Chip

Available in two sizes; medium (13mm) and chunky (50mm). This black chip from south of Dunedin has become popular for its striking look, especially when used in a water feature. The smaller size is ideal for paths, driveways or decorative gardens and the chunky size is great to give a rugged textural look in decorative gardens.



Ivory Lime Chip

Available in three sizes; 0-7mm, 15mm and 50mm. This is a stunning white chip sourced from sunny Marlborough. An alternative to the traditional limestone colour, it is used mainly in pathways and gardens.



Springfield Limestone Chip

A 10-20mm creamy yellow chip. Best suited to paths, decorative gardens and driveways (will crush down over time).



Amuri Limestone Chip

A neutral off-white coloured 12-20mm limestone chip. Popular for paths, driveways and decorative gardens.



Golden (Oamaru) Pebble

An attractive white, gold and orange decorative pebble. Used to add colour to paths, decorative gardens and water features.



Crawford Hills Schist

A Central Otago Schist with gold, silver and brown accents. It is often used for paths, decorative gardens and water features. This stone is also used in our exposed aggregate and honed Crawford Hills paver.



Westland Waitaha Schist

A special schist from our very own West Coast, it has sparkling grey tones which make it a real standout feature for your garden or outdoor entertainment area. This stone is used in our exposed aggregate and honed Westland Schist paver.



Shotover Schist

A flattish 25-40mm stone from the tourist mecca of Central Otago. A mix of various shades of white, grey and green. Popular to add a variation in colour to your path, garden or water feature. This stone is used in our exposed aggregate and honed Shotover paver.



Save time and money picking up landscape supplies and have Urban Paving to deliver them to you. *Urban Paving have a fleet of trucks in different sizes available for deliveries in the wider Christchurch area. Just after a scoop? We have a range of hire trailers available.





White Sand

A 'pure' sand from the foothills of Mid Canterbury. Used to achieve a white mortar for lighter colour bricks. Can be used for 'special' sandpits!



Golden Sand

Gold coloured sand from Oamaru. Used to achieve a gold coloured mortar for light coloured blocks and bricks. Can be used for the kids 'special' sandpits.



Brick Sand

A grey coloured fine sand. Mainly used by bricklayers for a grey mortar.



Plastering Sand

Grey medium sand. A general purpose sand used for plastering and concrete work and to improve drainage on lawns and gardens. Used as a bedding sand and under pavers. The most popular sand for sandpits (drains well, does not stain).



Cyclone Sand

Cyclone Sand is a very fine and costeffective sand in construction.

Grey Stone



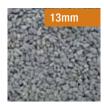
Greystone Chips

Available in two sizes; 10mm most commonly used for pathways and 13mm most commonly used for driveways.



Peagravel

Small (6mm) rounds, good around pipes, fill or landscaping.



Rounds (13mm, 19mm and 40-65mm), Tailings (20-40mm) and Boulders (65-120mm)

There are five sizes of grey riverstones available. Depending on size, they can be used for backfill, drainage and general landscaping.



70-130mm 130-200mm

8-14mm

Westland Flats Stones

These stunning flat stones can be used for any decorative purpose — indoor and outdoor. Available in three sizes; 25-70mm, 70-130mm and 130-200mm.



Kapuka Pebble

This is an attractive mix of 8-14mm grey, green and white pebble from the southern South Island.



Awarua Pebble

This is a predominantly 8-14mm white pebble with a small amount of grey. An alternative to the Kapuka.





Crusher Dust

A 0-5mm material consisting of silts and small chip. Most often used for bony spots in bases and under pavers.



Premix

A mixture of washed sands and stones up to 13mm. Used for concrete work. Use 1.5 bags cement per scoop for lower strength (e.g. pathways) and two bags cement per scoop for higher strength (e.g. driveways). (Note that reinforcing mesh is required in some situations).



Basecourse (AP20 and AP40)

Two sizes of crushed product used as a base for driveway, path and paving preparation. Normally requires a depth of 80-150mm, depending on stability required and existing land stability.

When installed requires compacting.

Soils and Compo

Landscape Supply Products continued



Screened Soil

A quality soil screened out to be a fine texture making it friable and easier to work with. Ideal as top soil for that perfect lawn or garden or for general landscaping.



Lawn Topdressing Mix

A mix of sand, soil and peat excellent for establishing a new lawn. Can also be used for levelling lawns and filling bare patches.



VegeGrow

A blend of screened soil, animal manure compost and mushroom compost, specifically formulated for optimum growth in vege gardens and vege planter boxes. Plant straight into it.



GardenGrow

A blend of animal based compost and screened soil, specifically formulated for flower gardens and planter boxes. Plant straight into it.



BioBlend

This is a dark-coloured, matured blood and bone-based soil conditioner/ organic compost with a high supply of micronutrients, beneficial for a wide range of garden uses. It is high in nitrate nitrogen which plants love.



Mushroom Compost

A compost which makes an ideal mulch or top layer for your vegetable garden. Be careful to avoid acid-loving plants, e.g. Rhodos, Azaleas and Camellias.



Pig Mix

A mix of sawdust and pig manure, ideal for breaking down stubborn soils.



Organic Compost

Organic Compost is blended from sustainable and natural products, with no green waste or soils added. Great for adding nutrients to any garden. Can be mixed with soil to plant straight into.





Washed Nuggets

This high-quality bark, sized 25-55mm, has been specially washed and screened of stones to give an attractive red/brown coloured bark, perfect for use as a groundcover in high profile gardens. It is also commonly used as impact protection in children's playgrounds.



Medium Nuggets

A fine textured version of the washed nugget. A great easy way to finish your garden and add value to your property. Screened to a grade of 10-25mm with cambian/crinkle bark blended in to make a colourful groundcover. Can also be used in playground areas for fall protection.



Forest Floor

An excellent weed suppressant and moisture retainer. A low-maintenance ground cover perfect for large areas, banks or exposed windy places. It's a graded mulching bark sized 10-50mm, including cambian, nuggets and flake, resulting in a rich mulch at a budget price.



Black Bark

Our Black Bark is shredded and dyed to create a beautiful, modern top-dress for your garden. It is great at enhancing the plants it surrounds.

Measurement and Weight Guides

The following will assist you in determining the quantities you require (approximate only).

QUANTITIES		
1 bag	20 litres approx.	3-4 bags per wheelbarrow
1 scoop	0.3 cubic metre	4-5 wheelbarrow loads
1 cubic metre	1m x 1m x 1m	12-16 wheelbarrow loads

SPREADING RATES		
Depth required	1 scoop will cover:	1 cubic metre will cover:
10mm	30 sqm	100 sqm
20mm	15 sqm	50 sqm
50mm	6 sqm	20 sqm
100mm	3 sqm	10 sqm
150mm	2 sqm	6.7 sqm

WEIGHT GUIDE	
Aggregates	1.2 - 1.5 tonnes per cubic metre
Bark	0.3 tonnes per cubic metre
Topsoil	1.0 - 1.2 tonnes per cubic metre
Compost	0.5 - 1.0 tonnes per cubic metre
Sand	1.3 - 1.6 tonnes per cubic metre



Pea Straw

Ideal to retain soil moisture, suppress weeds and add body to your soil. Check for availability as it is a seasonal product.



Pongas

An authentic New Zealand product to provide a native element to your garden as edging or fencing. Available in 2.0m lengths.



Hapuka Boulders

Choose from a huge range of Hapuka boulders in various shapes and sizes. They make excellent features.



Macrocarpa Sleepers

Quality 200mm x 100mm macrocarpa sleepers, available in 2.1m and 3.0m lengths. Used for driveway edging, pergolas, planter boxes and raised vege gardens.



Weedmat

Stops those weeds from coming through, a non-woven domestic weed control. UV stabilised and made to allow maximum water flow to plant roots.



SIZES
900mm x 10m
900mm x 20m
1000mm x 20m
1800mm x 20m

MORTION

Mortar Mix

Add water for a mortar mix for under paving, bricklaying or grouting between pavers. Available in 20kg bags.



Regular Concrete

After mixing with water, Strongcrete Ready To Use is designed to produce a concrete mix that's easy to work with and provides excellent strength. Available in 25kg bags.



Quick Set Concrete (15 Minute)

A special blend of cement, graded dry quality sand and aggregates and selected additives ideal for placing posts. Just add water. Available in 20kg bags.



Pave Set

Sand with silicon adhesive for grouting between pavers. Available in 20kg bags.



Cement

General purpose cement well-suited for a range of uses including domestic concrete, structural concrete, concrete products, mortars, grouts and soil stabilisation.

Available in 40kg bags and 0.65kg pottles.



White Cement

General purpose cement used for lighter coloured grout and mortar. Available in 40kg bags and 0.65kg pottles.



Hydrated Lime

Used in mortar and plaster work. Can be added to soil to aid plant growth. Available in 20kg bags.



Brick Ties

Used for brick laying. Available in buckets of 250 or 500 in short or long. Available in bags or buckets of 250 or 500.



Cemix Cemkey Concentrate

Used for bonding cement screeds, and renders to brick, concrete and concrete masonry without any need to hack the surface to obtain a bond. Used on new or old surfaces. Available in 1L.

Paver Laying Guide



Always be sure to check the weather conditions for when you plan to install your pavers. Only install paving in reasonably settled conditions, allowing for a few days of dry weather during and for 48 hours after installation. Rain during or immediately post installation can cause variation in concrete appearance.

Before you start any paving project, it is necessary to carefully plan the work. This guide provides a step by step process taking you from start to finish. A plan of the area to be paved should be accurately drawn and marked out on site. It is important to determine the finished levels of paving when planning the project. Check with your local council on any height requirements specific to your site.



Urban Paving recommend using the professional laying guide to remove variation and provide a better finish.

Recommended Professional Laying

Materials Required

The quantity of the materials needed for the paving job depends upon the total area to be paved.

Area

The area is simply calculated by measuring the width and length of the area to be paved.

Length $(m) \times width (m) = area (m²)$

Paving Units

Calculate the pavers required.

Area to be paved (m^2) x the number per m^2 (on page 7) = total number of pavers required

We advise ordering an extra 3-7% depending on complexity to allow for cuts etc.

Base course

A minimum of 100mm of compacted base course (AP20) is required for under paving, this may need to be thicker in some situations (a stable concrete pad can be used instead of base course).

Area to be paved (m²) x 0.1 (allows for 100mm of base course)

x 1.3 (allows for compaction) = m³ of base course required

Sand and Cement - Mortar

10-30mm of mortar is required for under paving, depending on the levelness of your base. 1m³ will cover approximately 30 square metres @ 30mm depth.

Area to be paved (m²) x 0.03 (allows for 30mm thick sand) = m³ of sand required

For every m³ of sand you will need four to five 40kg bags of cement, and it is recommended to add a plasticiser (cemplus, febmix etc).

Sand and Cement - Grouting

Grout is used to fill the gaps between the paving units once laid. A scoop (0.3m³) of sand and three to four 4kg bags of cement will cover approximately 50 square metres of paving, depending on the size of joint spaces.

Excavation

It will generally be necessary to excavate the area to be paved. The depth of this excavation will depend on the thickness of the paver, plus the 30mm of mortar and 100mm of compacted base course material if required. Any loose or soft areas in the sub-grade should also be removed and replaced with compacted material.







Basecourse

Correct base preparation is perhaps the most important part of the paving project.

Like a road, the end product is only as good as the base it is laid on. The base course is a compacted granular fill used to build up areas, set levels and provide a strong, stable layer to support the laid paver. Fill in the base course no thicker then 100mm and compact to a uniform dense condition, especially around manholes and kerbs (if more than 100mm is needed, compact in layers). The finished texture of the basecourse should not allow sand to filter through. The final surface of the basecourse should match the contour of your finished paving, with no bumps, and no holes deeper then 10mm. Please note this can be substituted with a stable and load-bearing concrete pad.

Preparing the Mortar

Mortar should normally be made at a ratio of 5 parts sand to 1 part cement (more cement may be needed in certain circumstances), mix this in a concrete mixer dry and then slowly add water (and 1-2 caps of plasticiser per mixer load) until you meet the desired consistency. This should be about the consistency of mashed potato, wet enough that it can be tapped down but dry enough to support the weight of the paver. Plasticiser makes the mortar more workable and slows down the curing process, allowing more time to lay the pavers.

Laying the Pavers

Ensure pavers are laid so water drains off (typically a slope of 1-2%). A free draining base is necessary so the pavers do not have 'wet feet' (can cause excessive mottling). It is generally best to start in a corner or along a straight edge such as the house footing. Set up string lines and place enough mortar on the base to cover the entire area of the paver (this ensures the paver is well supported) and slightly deeper than required. Place the pavers in the desired pattern on the mortar leaving your desired gap (normally approx 10mm) between each paver. Tap the paver into place using a rubber mallet, use string lines, a spirit level and regular visual checking of the paving to keep all the joints straight and the finished product level. Always work from on top of the base course, staying off the pavers that have just been laid for at least 24 hours to allow the mortar to set.

Cutting the Pavers

Leave cutting and placing of the edge pavers until the last step. Carefully mark the pavers to be cut and use a diamond concrete saw (available to hire from Urban Paving).

Grouting the Pavers

Grouting should normally be done a couple of days after laying. If you are planning on sealing the pavers it is recommended that the first coat is done before grouting.

Grout should normally be made at a ratio of 2 parts sand to 1 part cement, mix this in a concrete mixer dry and then slowly add water until you meet the desired consistency. This should be fairly dry; wet enough that it can be pressed to create a smooth surface but dry enough to hold its shape. Carefully press this into the paver gaps, packing it down into any voids and then running a grout tool across the top to get a consistent finish. Use a damp sponge to clean off any grout that is on the paver surface. If a coloured grout is desired the oxide powder should be mixed with the sand and cement before any water is added. It is important that mixes are consistent in the amount of sand, cement and oxide used to ensure a seamless grout line.

For recommended contractors please see the information section on our website <u>urbanpaving.co.nz</u>

For more help installing your pavers, check out the information we place on every pallet. It contains advice about how to get the best result from your paving and helpful tips to avoid common mistakes.

If you have any questions about installation or for best product care, please contact the Urban Paving team.

HELPFUL TIPS

Here are a few tips to help ensure that you produce a first-class job:

- When paving a slope it is important to start at the bottom and pave up the slope.
- It is recommended that the same person mixes all grout and mortar to ensure consistency between batches.
- Do not leave sand, mortar, grout or objects lying on the surface of the pavers for any length of time when initially laid — may cause staining or shadowing.
- If you are sealing your pavers it is recommended that the first coat is applied before grouting.
- For natural stone and outdoor porcelain paving, or if you are laying in dry conditions, paint a slurry (very wet mortar paint-like in consistency) on the back of the pavers before placing on the mortar bed. Or use Cemix Cemkey Concentrate, this will minimise popping.
- Lay paving only during dry conditions. Laying paving in wet conditions can cause Mottling, Pinto and other surface appearance variations.

Refer to the information section on our website for more details and tips urbanpaving.co.nz

Stonelock Laying Guide

Before you start any paving project, it is necessary to carefully plan the work. This guide provides a step-by-step process to take you from start to finish. A plan of the area to be paved should be accurately drawn and marked out on site. It is important to determine the finished levels of Stonelock paving when planning the project.

Check with your local council for any requirements specific to your site.



HELPFUL INSTALLATION TIPS

- If your Stonelock paving is laid on a surface which is flat or does not have natural drainage, you need to create an outlet for the water. Have the paving sloping towards a narrow trench and lay a drainage coil wrapped in filter cloth into the trench. Connect this into a stormwater drain or soakage trench away from the site.
- When using an expensive decorative pebble, you only need to use the top layer for this pebble to create a great look. The sheets can be mostly filled with an economical driveway chip. Then use a rake to flick out the top layer of stones, creating a "nest" for the decorative pebbles. Fill the decorative pebbles to approximately 15mm above the mat so the driveway chip are not visible. You will have a beautiful finish at a bargain price.
- Leave cutting and laying of the edge Stonelock paving until the last job, to ensure that the measurements are spot on.
- Oil drips or stains can be easily removed by simply scooping up those few pebbles and raking out the surface again.

Stonelock Grade: This guide is for pedestrian and light vehicle Stonelock installations only. Installation for heavy vehicle Stonelock should be planned and carried out by a professional, which requires specific design and a good understanding of foundation conditions, as truck and bus loads are much higher.

Area: The area is simply calculated by measuring the width and length of the area to be paved.

Length (m) x width (m) = area (m^2)

Stonelock Sheet Units: Calculate the Stonelock sheets required.

Area to be installed (m^2) + sheet size (0.92)

= number of sheets required (Please note: if cuts are required you may need extra sheets).

Excavation

Pedestrian Grade: Remove the topsoil. Excavate a minimum of 110mm allowing for minimum 50mm of basecourse, 20mm crusher dust and a further 40-50mm for the Stonelock sheet and pebbles. Please note that any loose or soft subgrade also needs to be removed, allowing a stable surface to begin your Stonelock installation.

Lay basecourse

Correct base preparation is perhaps the most important part of the paving project. Like a road, the end product is only as good as the base it is laid on. The base course is a compacted granular fill used to build up areas, set levels and provide a strong, stable layer to support the laid Stonelock sheets. Fill in the base course and compact to a uniform dense condition.

The final surface of the base course should match the contour of your finished project with no bumps, and no holes deeper then 10mm.

Lay bedding

Spread an approximate 30mm layer of crusher dust on top of the compacted base, and compact this layer too. Screed the surface so it follows the contour you want for your driveway.

Install edging

Edging is recommended around your Stonelock paving area. It protects the edge of your Stonelock sheets, keeps the pebbles on the mat, and makes a suitable edge so mowers don't fling the pebbles around. You can use paving borders, wooden framing or other suitable material for edging, or butt the mat against walls or existing paved areas.

Laying the Stonelock paving

Stonelock sheets are large, light and easy to lay. Simply lay the mats in a staggered pattern and make any required cuts. Then clip the sheets together using the interlocking connectors on all sides to form one continuous matrix. When laying the mats be sure to overlap the weed mat flaps (from underneath the mats) to ensure no gaps. Alternatively, fit strips of weed mat in if there are gaps between the Stonelock sheets, or trimmed edges.

Spread the pebbles

Pour the pebbles or gravel onto the Stonelock sheets and spread around with rakes until the sheets are covered. The pebbles will settle into the sheets over time, so may require a top up later, particularly in high traffic areas. Once the job is finished, thoroughly water the surface to clean the pebbles.





Enjoy your easy care Stonelock paving!

Care and Maintenance



Further information, care and maintenance of your pavers

Throughout this brochure we have put together some paver tips and advice to help you get the best possible finish for your landscaping project. Please keep in mind this list is not exhaustive and will not substitute for experience to get a good finish.

Further points to consider:

Concrete - a natural product

- Concrete is a natural product which creates a chemical reaction (curing) for at least one month after manufacture. Most curing is in the initial days, decreasing as time progresses, depending also on the conditions. Exposure to different elements will affect this reaction and changes in shading can occur.
- Concrete pavers are made from natural products and there are natural
 processes of concrete that occur beyond our control. Urban Paving
 cannot guarantee perfect shade consistency and therefore accept no
 responsibility for variation in the shade of pavers that has occurred
 naturally, or as a result of the pavers not being cared/installed in the
 recommended manner.
- Concrete pavers are most susceptible to changes in appearance in the first 48 hours after being removed from their pallet. We highly reccomend installing in settled, dry conditions to allow the concrete to 'season' and allow the curing reaction to become relatively stable.

Paver dimensions

 Paver size is nominal only and is subject to normal manufacturing tolerances. By having the recommended 10-15mm grouting gap any variations are easily catered for.

Like a good wine, pavers mature with age

Concrete pavers will age and weather over time — and site conditions
can also cause a shade variation of the pavers over time. This is not a
reflection of the performance of the paver, and any such variation
will decrease over time as the paver matures.

Efflorescence - the love-hate relationship of pavers!

 Efflorescence is the phenomenon of natural salts migrating to the surface of the concrete as water moves in and out, leaving a whitish powder similar to discolouration on the surface of your pavers.
 Efflorescence will settle and cease over time. Often, the better the quality and strength of concrete, the more efflorescence appears due to the high cement content.





Natural Stone is exactly that - natural!

- Natural Stone has natural variation in colour, texture and size, which
 is what the product is all about. This makes the installation of natural
 stone an art as well as a science. Installing natural stone is different
 from installing concrete pavers, so if you have limited experience with
 the product please be aware there are tricks to the trade, particularly
 relating to the variation in the colour and surface texture. Colour and
 texture variations are normal and do not affect function or quality of
 the product.
- Natural Stone is quarried from different parts of a quarry, which means
 there will always be variation in each paver and shipment of pavers. It is
 recommended that, when using multiple pallets of natural stone for your
 project, you use pavers from different pallets and mix them when laying.
- Whilst we will assist you with your project, we will not accept responsibility for the normal natural variations in colour, surface texture or product that we consider normal for concrete or Natural Stone.

Looking after your Natural Stone

 The best way to clean natural stone paving is with a water hose and a stiff broom. NEVER use HydroChloric acid to clean natural stone paving.
 See our cleaning products on page 27 for more information.



More information for you

 Please read further information on the pallet docket of The Beautiful Nature of Concrete, Natural Stone and Porcelain Paving.
 This will provide you with the extra information you need to ensure you achieve the best results for your landscaping project.

Warranty

Urban Paving offer a warranty against faulty product, *which must be made prior to installation*. Claims for faulty product will not be entertained once installed, or for poor installation. Please contact us if you have any queries regarding the product prior to installation.

Please refer to our website for care and maintenance information <u>urbanpaving.co.nz</u>

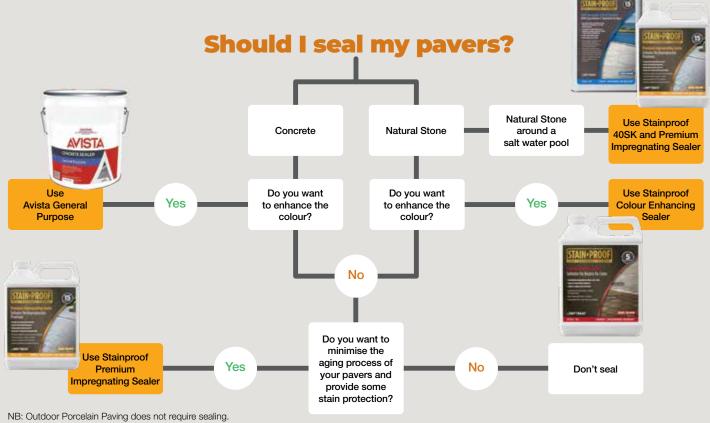
Sealers and Cleaners



The first thing to consider - should I seal my pavers?

There is no right or wrong answer to this question – it is a personal choice and is a bit like varnishing timber. Sealing does protect the paver from staining, helps preserve the original appearance of the paver and can deepen the colour. It can however require some ongoing maintenance, depending on which sealer is used. We believe only a relatively small percentage of concrete pavers are sealed, with clients preferring to allow the pavers to age and weather with the surroundings.

With this in mind, we recommend you first find your reason for sealing - check out the flow chart below to see if sealing is the right choice for you.















There are different types of sealers and cleaners. At Urban Paving we stock the following products:

Avista General Purpose Sealer



This is for concrete pavers only. It acts much like a varnish that puts a protective coating surface on the paver and deepens the colour.

Two coats required for maximum benefit.

Stainproof Premium Impregnating Sealer



A natural-look sealant which doesn't alter the paver appearance.
Super oil- and water-repellent for superior and permanent stain protection. Two coats required for maximum benefit.

Stain-Proof Sealers and Cleaners

Stain-Proof by Dry-Treat develop and manufacture the world's leading high-tech sealers for the protection of porous materials, including natural stone, tile, paving, concrete and grout.

Stain-Proof sealers provide premium protection from common threats such as staining, water and salt damage, efflorescence, freeze-thaw spalling, picture framing, graffiti and mould growth, and make treated surfaces easier to clean and maintain.

Dry-Treat's superior technology is internationally recognised.
Dry-Treat began in 1991 by developing specialist sealers for the engineering industry to protect concrete structures in harsh environments. Over the last two decades they have developed their molecular engineering technology to create innovative sealers for a whole

range of porous surfaces including natural stone, paving and tiles. Today, many bridges, wharfs, high rise buildings, stadiums and hundreds of thousands of homes are protected by Dry-Treat sealers.

Twenty years ago, the company took advantage of the unique Dry-Treat super-penetrating, permanent bonding sealer technology to introduce the industry's first manufacturer-backed sealer performance warranties up to 25 years. Dry-Treat's 'no fine print' warranties are still the gold standard.



15 year warranty when applied by an accredited Dry-Treat installer

NB: Before sealing, it is important that the pavers are clean, as any marks or dirt will be locked in once sealed. Sealing does not completely protect paving. Please refer to the Information section on our website for full details on cleaning and sealing pavers urbanjaving.co.nz

Paving Cleaners

PROBLEM / APPLICATION	CLEANING PRODUCT	COVERAGE
Moss, mould, spores.	Revive	4-5sqm per litre undiluted depending on method of application. Available in 2L.
Exposing aggregate in pavers/concrete slabs, acid etching, and removing efflorescence from concrete pavers only.	Spirit of Salts	4-12sqm per 1L depending on concrete profile, conditions and desired effect. Available in 5L.
Dissolving hardened concrete on moulds, joinery, bricks, tools, natural stone pavers and porcelain pavers. Do NOT use on concrete pavers.	Cemix Concrete Dissolver	Spot treatment as required.

We are here to help you with all your paving and landscaping needs.

Check out our social media



facebook.com/UrbanPaving



@UrbanPaving





Or contact us at



+64 3 359 8625



office@urbanpaving.co.nz



www.urbanpaving.co.nz

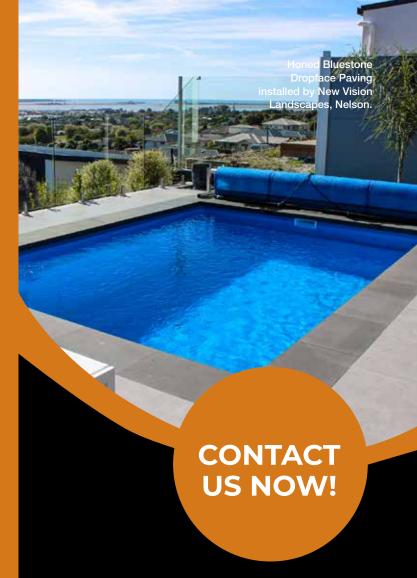


Urban Paving and Landscape Supplies 575 Sawyers Arms Road Harewood, Christchurch



Monday to Friday 7am - 5pm Saturday 8am - 5pm

Sunday and Public Holidays 9am - 4pm





Your Paving and Landscaping specialists

urbanpaving.co.nz