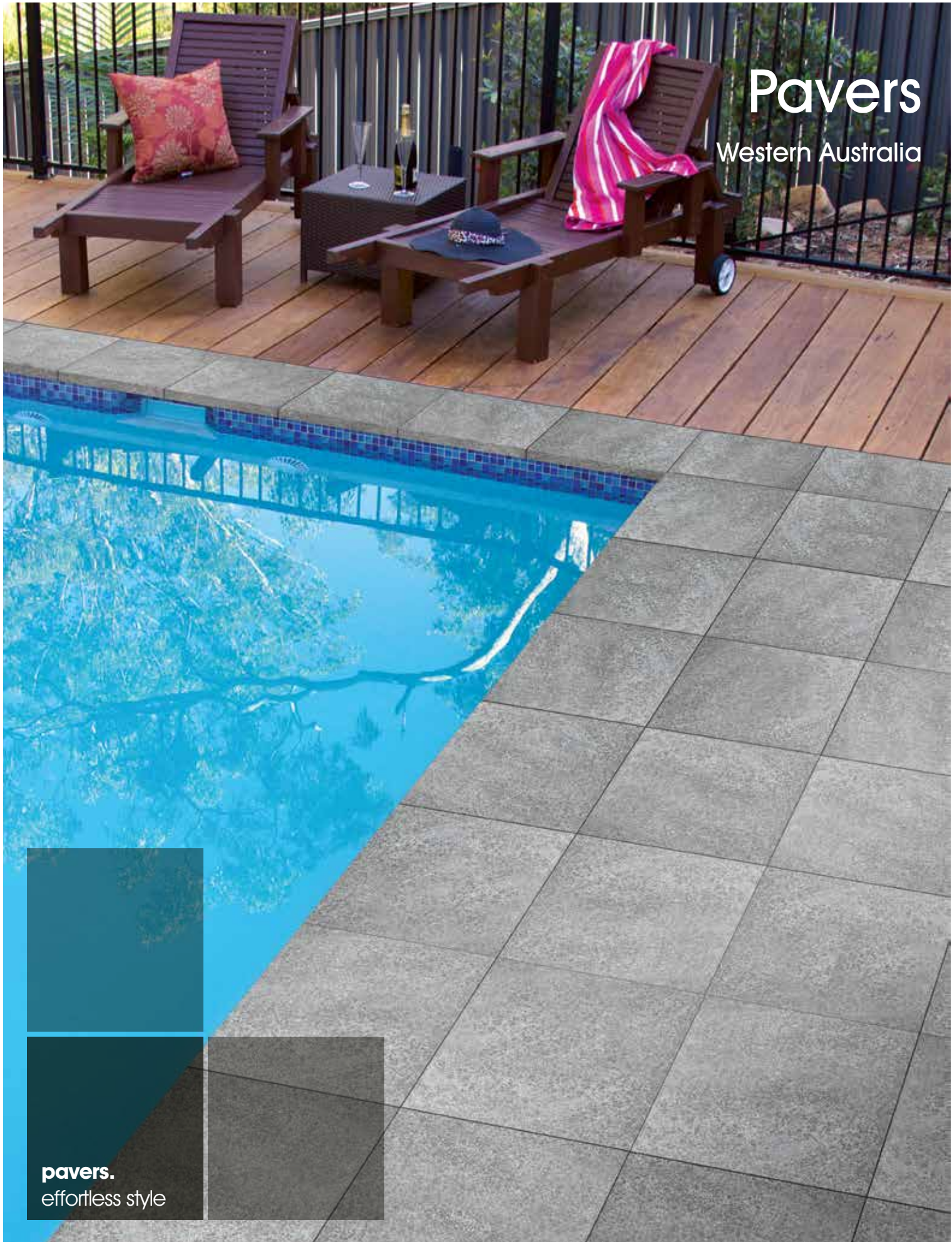


# Pavers

Western Australia



**pavers.**  
effortless style




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**pavers.**  
effortless style





Why choose  
Austral Bricks  
pavers?

^ Metro Brockman



^ Natural Stone Grey Granite

## Clay Pavers

At first glance most pavers look alike. So why use clay pavers? Only Austral Bricks pavers offer an unbeatable combination of qualities that guarantee your paving will give long and colourful service with little maintenance.

### Permanent Colours

Clay pavers are made from naturally occurring minerals fired at temperatures greater than 1000 degrees Celsius. The colours are locked in for life and will not fade or go chalky, unlike many concrete pavers!

### Natural Appeal

A subtle colour variation is inherent in all clay pavers. This is part of their natural appeal and ensures clay pavers will blend beautifully into your landscape.

### Stay Cleaner for Longer

Thanks to their composition and firing, clay pavers do not readily absorb dirt and spills. Clay paver colours and textures don't show up dirt, grime or light scuffing. Sealing is usually not required and cleaning is easy.

### Excellent slip resistance

Austral Bricks pavers meet Australian Standards for slip resistance, an important consideration, especially around pool areas.

### Kiln-fired for maximum strength

Clay pavers are made from selected minerals that are highly compacted and fired at extreme temperatures. With proper design and construction, your new paving will have a long and colourful life.

### Salt Safe

Most Austral Bricks pavers are guaranteed to meet Australian Standards for salt resistance. You can pave with confidence in harsh environments such as salt-chlorinated pools and coastal locations.

## Natural Stone Pavers

Stone pavers are one of the most desired surfaces in the marketplace, due to their stunning natural beauty, as well as their practical advantages.

When designing with Austral Bricks Natural Stone pavers, you can be guaranteed the individuality and style that few other products can offer. Natural Stone pavers are available in a range of sizes and finishes that make them the ideal selection for traditional and contemporary projects.

### Stunning

The beauty of Natural Stone cannot be reproduced. The inherent beauty and rich colours make Natural Stone a logical choice for any upcoming project.

### Timeless

Natural Stone has been the building and landscaping product of choice for centuries. The Romans and Egyptians used Natural Stone to great effect. Natural Stone is not a fad. No other building material can match its beauty, strength and ability to withstand the test of time.

### Original

Every piece of stone is unique. It has been hand crafted by mother earth and has its own texture and colour ensuring an original look for your project. Using Natural Stone pavers for your project ensures the job is a work of art. Fossils, shells, crystal veins and tonal variation are all marks of original authenticity.

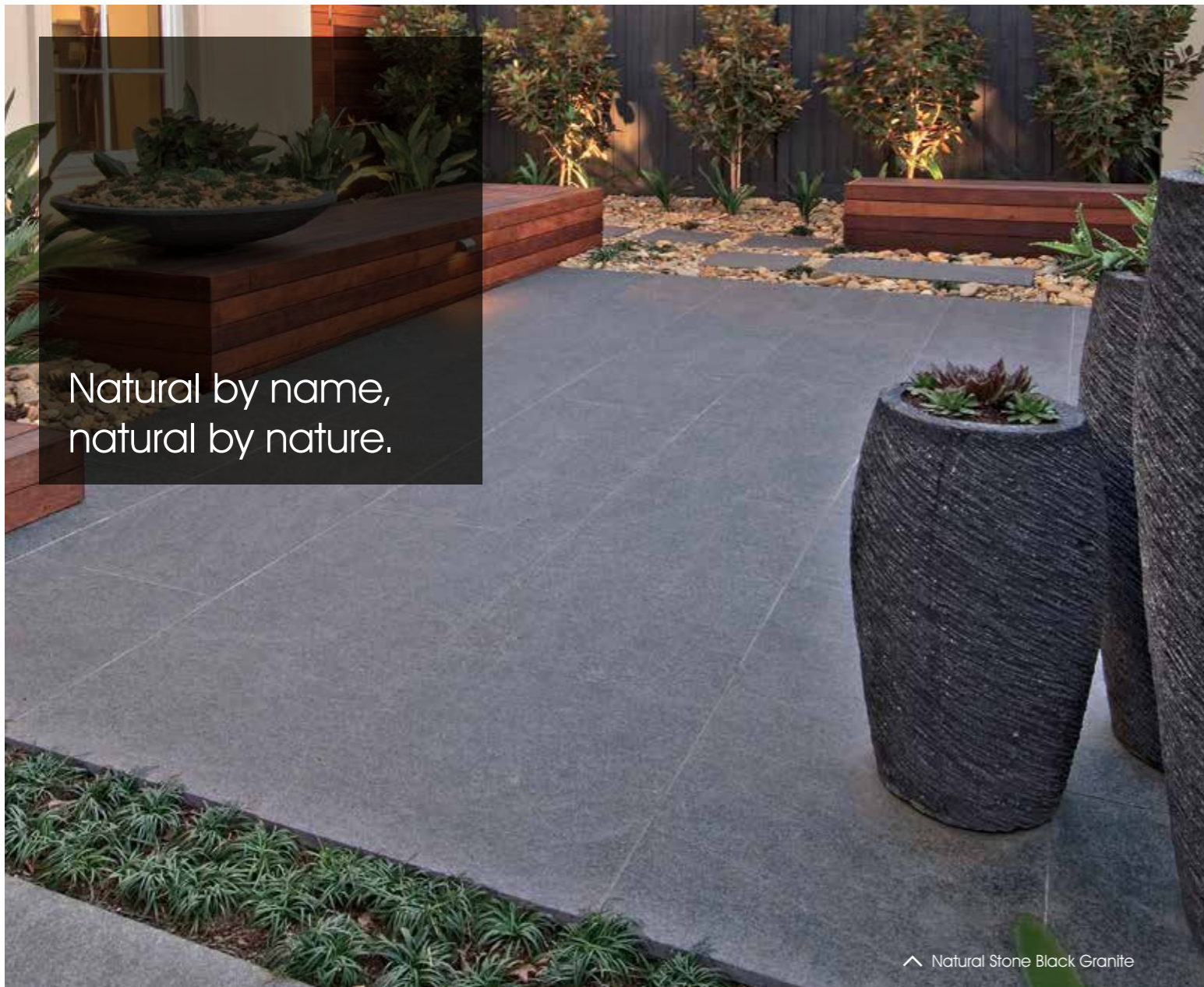
### Natural

Everything about the product is natural from the colour, texture, grains, slight imperfections and its origins. Its natural origins means that stone is absorbed by its environment.

### Slip Resistance

Austral Bricks Natural Stone pavers meet Australian Standard for slip resistance. Please refer to Natural Stone product range for specific applications.





Natural by name,  
natural by nature.

^ Natural Stone Black Granite



^ Natural Stone Egyptian Limestone

## Natural Stone

Enjoy the luxury of Natural Stone in your home.

Make a statement of style and refinement with Natural Stone large format pavers.

From the striking shades of our dark Granite through to the light sophistication of our Egyptian Limestone, you will not be disappointed with Natural Stone.



Egyptian Limestone\*

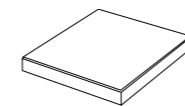
Grey Granite

Black Granite

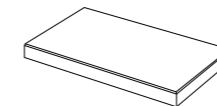
Bluestone\*\*

Basalt\*\*

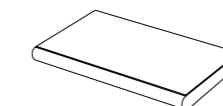
All colours available in: 400 x 400 x 30mm and 600 x 300 x 30mm



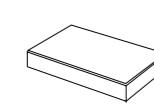
Body Paver  
400 x 400 x 30mm



Body Paver  
600 x 300 x 30mm



Bullnose Paver  
600 x 300 x 30mm



Body Paver  
400 x 200 x 60mm

\* Egyptian Limestone is not suitable or recommended for use around pools or spas.

\*\* Bluestone and Basalt also available in 400 x 200 x 60mm and are suitable for traffic areas.



Bring a touch of style and flare to your landscaping



Metro Parker

Inspired by the magnificent colours of Italy.



Riviera Valletta

## Metro

With an affinity to the Western Australian landscape.

With colours ranging from beautiful creams to earthy terracotta reds, the Metro clay range will add warmth and character to any landscaping project. Whether you're looking for a solution to a contemporary outdoor area or bringing life to a heritage courtyard, Metro clay pavers will be the perfect complement to your brickwork.

### Metro 60



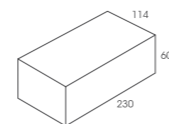
Parker

Hume



Brockman

Stuart



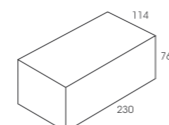
60mm Paver  
230 x 114 x 60mm

### Metro 76



Brockman

Stuart

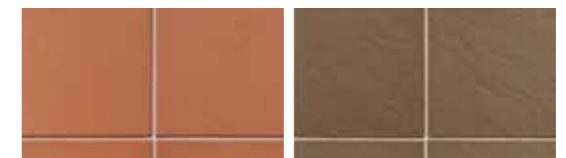


76mm Paver  
230 x 114 x 76mm

## Riviera

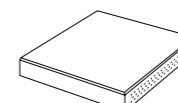
Ceramic pavers to complement every lifestyle and home decor.

Excellent slip-resistance and salt-safe qualities make Riviera clay pavers ideal for use around salt-chlorinated pools and high-traffic areas. Select from our two Italian-inspired colours to beautify and individualise both your indoor and outdoor spaces.

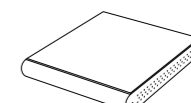


Valletta

Naples



Body Paver  
300 x 300 x 40mm



Bullnose Paver  
300 x 300 x 40mm





## Paver Maintenance

^ Riviera Naples

## Clay Paver Maintenance

Maintaining your paved area will guarantee that it holds its good looks and natural appeal forever. It will also add resale value to your home.

All paved areas, over time, are subject to spillages and a build up of dirt and grime. By following certain guidelines and cleaning procedures, maintaining the good look of your Austral Bricks clay pavers need not be a problem.

### Vanadium

Vanadium is a metallic salt present in most light coloured clays throughout the world. These salts are insoluble to begin with, but become soluble when clays containing these salts are fired above 850 degrees Celsius.

These salts then show up as yellow, green or reddish brown discolouration. Whilst not harmful in any way, these salts are not permanent and do not indicate any defect in the product. The stains take the form of a thin film on the surface of the brick or paver and will weather away with time.

Alternatively, the chemical removal process is a very easy and inexpensive way to permanently remove the stains. Use 500gms of caustic soda diluted in five litres of water – then brush this onto a dry surface or sweep it over the clay paving. The reaction of the caustic soda is quite slow and can take up to a day to complete. Repeat as necessary.

### Efflorescence

Efflorescence is a powdery deposit of salts (usually white or yellow) and is often found on the surface of clay pavers after a period of rain. Efflorescence appears due to external sources from surrounding materials. For example, salty soils or fertilisers draw up through the pavers by the drying effect.

Prior to laying your pavers, make sure a clean bed of sand is the foundation of the paving – this will form a barrier to salts migrating to the pavers from below. Efflorescence can be removed by using either a dry brushing technique or wiping with a damp cloth making sure the salts are carried away from the pavers.

### Organic Growths – Fungus, Mould and Moss

Porous masonry may provide an environment for organic growth when it is continuously moist, especially in light but shady conditions and when there are plenty of nutrients available.

Clean off the growth as much as possible with a dry bristle brush. Organic growths should be treated with liquid chlorine, or common household chemicals such as Exitmould and WhiteKing or a proprietary weed killer. The solution should be left for several days and then brushed off with hot water and detergent. Repeat as necessary.



^ Natural Stone Grey Granite

## Natural Stone Maintenance

Maintaining your Natural Stone will ensure its inherent beauty is preserved forever.

By following certain sealing and cleaning guidelines, you can rest assured that your Natural Stone paving will look stylish for the life of your home.

### Sealing

Austral Bricks recommends that all Natural Stone products supplied be sealed with a penetrating sealer. Sealing your Natural Stone is a way to protect it from staining and to make your day to day cleaning easier.

Most stone products can stain when they absorb liquids or moisture that are allowed to remain in contact with them for extended periods of time. If you are laying your natural Stone in an area where they are likely to come in contact with liquids, a sealer should be applied to help avoid future staining.

It is always recommended to seal a test area first and seek advice from your sealer company.

### Cleaning

It is advised that you regularly sweep your Natural Stone to minimize the amount of dirt and debris which settles on the paving and to allow your Natural Stone to continue looking its best. Depending upon water restrictions, the use of high pressure water cleaners on an annual basis will assist in maintaining your Natural Stone in pristine condition.

In order to prevent staining or dirt build up, Natural Stone should be rinsed regularly with warm water and a non abrasive, clear, non acidic detergent. A pH neutral cleaner is recommended. Austral Bricks does not recommend the use of acids on stone products as this can cause damage.

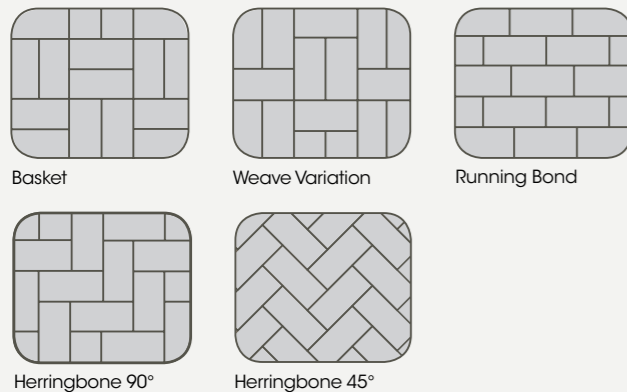
All spills should be wiped up immediately. Soft drinks, coffee, tea and fruit juices contain mild acids which can etch and stain the stone quite rapidly. These should be cleaned off with a mild soap and warm water.





# Small Format Clay Paver Laying Guide

## Paver Patterns



## Materials Needed

- Pavers
- Gravel Roadbase  
(1m<sup>3</sup> covers 10m<sup>2</sup> at a compacted depth of 100mm)
- Bedding Sand (1m<sup>3</sup> will cover 30m<sup>2</sup> at a depth of 30mm)
- String lines, tape measure and pegs
- Spirit level
- Two Screed Rails – two flat steel bars  
(Approx. 3m x 50mm x 2mm)
- 2-3m long concreter's screed
- Broom, rake and shovel
- Plate vibrator compactor
- Edge restraints (concrete, cement or timber)
- Cutting Equipment – Paver Splitter/ Masonry Brick Saw

Your paving kit comes complete with a 1.5m long screeding board, two 1.5m long screeding irons, a flat length of timber for compacting and a rubber mallet.

If you have any questions at all, Austral Bricks customer service representatives are always on hand to help out or offer advice.

## 1. Excavating

Remove all vegetation, rubble and surplus soil from the selected area. A metal headed rake is ideal for excavation. This will give you a formation on which to work. The sub base goes over the sub grade. If using sub base for domestic driveways, minimum 100mm of limestone or roadbase is recommended. For patio and pedestrian areas, cemented stabilised sand may be used. See Figure 1. It is recommended that all large format pavers when used in vehicle areas are bedded in either a sand and cement mortar bed or fixed using a flexible adhesive.

## 2. Compacting

Compact the sub base with a hand held / mechanical compactor to a maximum deviation of 10mm from true level. Though hand-held compactors will be adequate for small jobs, mechanical compactors should be hired for driveways and larger areas.

After compaction, cover the sub base with 20 to 50mm of well graded coarse bedding sand. Ensure that the sand is relatively dry. With 3% clay the bedding sand provides a barrier and protects the pavers from harmful salt attacks. Concreting sand is suitable for this purpose. NB. Compactor not included in DIY paving kit. See Figure 2.

## 3. Levelling

Place the screeding board along the base of a wall or straight vertical structure. This will give you a level for the bottom of the paving bricks. This level is called the benchmark. See Figure 3.

## 4. Screeding

Lay the screeding board at right angles to the benchmark to create a level for the screeding irons. For drainage purposes, always allow for a slight fall-away from the edge of the wall. This should be about 25mm over a distance of three metres. (Use your spirit level to measure fall-away. Bubble should reach outer line.) Repeat the above process at one screeding board length along the benchmark. These two indentations will be your height marks. See Figure 4.

## 5. Screeding continued

Continue to push the screeding board into the sand along the full length of the area to be paved, maintaining the level of the first height marks.

Starting at the benchmark, place the screeding board on the screeding iron and drag it back and forth until the sand between the screeding irons is smooth and level. Move the screeding irons along the height marks, and continue to level the sand with the screeding board. See Figure 5.

## 6. Screeding continued

Further Screeding Repeat steps (3) and (5) to level the next section of sand. Allow one of the height marks to slightly overlap the area you have already levelled. When the entire area is level, you are ready to use your pavers. Look for any hollows or bumps in the levelled sand. This stage may be your last chance to smooth them out. See Figure 6.

## 7. Selecting Patterns

Austral Bricks pavers are available in a wide range of colours and shapes. See page 16. However, for vehicular traffic, only herringbone patterns should be used.

## 8. Gauging

Determine the average length and width of pavers by measuring the cumulative dimensions of 20 pavers and dividing by 20. The laying gauge is then determined for the pattern selected by using the average dimensions determined together with a nominal joint width of 2.3mm.

Before laying pavers, a grid of string lines not more than 1 metre apart should be set up covering the area to be paved. No contact should exist with adjacent pavers. See Figure 8.

**Please note:** For the laying of large format paver products sized 300 x 300mm and above, please refer to pages 14 and 15.

## 9. Trimming

After whole pavers have been laid, the pavers are cut for use at the edges, corner, curves and obstructions if any. This can be effectively achieved when safely using a diamond blade brick saw or a masonry saw. See Figure 9.

## 10. Edge Restraint

The most effective way to keep edge pavers in position is to set them in cement. Take up the last row of pavers and drag away 20cm of sand to a depth of 6cm (10cm for driveways).

Level out the cement mortar and place the pavers in position by lightly tapping them. Do not use the paved area for at least 24 hours after the cement is laid. A driveway should not be used for 48 hours. See Figure 10.

## 11. Jointing Sand

Clay pavers are designed to function with sand completely filling the vertical joints. This is essential for effective lock-up and shear transfer. Spread dry sand over the paved area and brush it into the vertical joints with a stiff bristled broom. Please clean the area of excess sand before final compaction. See Figure 11.

## 12. Final Compaction

Use the rubber mallet and the flat length of timber provided to compact small areas. However for larger area and driveways, it is advisable to use a plate compactor and protect the pavement with a layer of excess jointing sand (approx 5 to 10mm) and plyboard to prevent it from coming in direct contact with the paving. Top up the joints with jointing sand after compaction. See Figure 12.





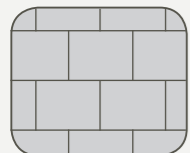
^ Natural Stone Grey Granite



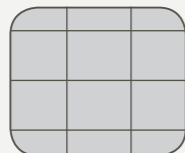
^ Natural Stone Grey Granite

## Large Format Clay Paver and Natural Stone Laying Guide

### Paver Patterns



Running Bond



Even Spaced

#### 1. Calculate the pavers required to cover the total area:

- 300 x 300mm = 11 pavers to the square metre
  - 400 x 400mm = 6.25 pavers to the square metre
  - 600 x 300mm = 5.5 pavers to the square metre
  - 400 x 200mm = 12.5 pavers to the square metre
- Allow approximately 5% extra for cuts and wastage.

#### 2. Ensure area to be paved is well drained

If the area is not well drained, install agricultural drainage pipe at approximately 2 metre centres.

### 3. Bedding

#### Landscape Paving

For residential paving (including pool surrounds, pathways, patios and balconies), stone should be laid on a suitable base course with a 30-35mm level screeded sand base. Initial compaction of sand base should allow for movement downward to absorb thickness variations that can occur upon final compaction of installed pavers.

Best results are achieved on a rigid concrete base and wetbedded or the use of a suitable tile adhesive (this will allow for minor variations in the dimensions and thickness of the stone). The compacted base course material should include correct bedding layers and should be uniform for water drainage.

#### Driveways

60mm thick stone pavers must be laid on a suitable base course with a 30-35mm level screeded sand base for an application with vehicular traffic or for commercial purpose.

40mm thick stone pavers must be laid on a rigid concrete base and wetbedded or the use of a suitable tile adhesive (this will allow for minor variations in the dimensions and thickness of the stone) for an application with vehicular traffic or commercial purpose.

### 4. Laying the pavers

Nominal widths of 3-4mm gaps between the pavers will be obtained using regular practice of holding a paver against the previous paver and allowing it to lightly drop down into its place.

### 5. Jointing

Dependant on flexible or rigid application, joints are to be filled with a fine sand or concrete jointing material.

### 6. Sealing

Sealing is recommended for all Natural Stone products. We recommend the use of a suitably qualified professional sealing company. The use of incorrect sealing products or application methods may compromise the stability of Natural Stone.

Pre sealing of limestone is recommended prior to installation around a salt water pool.

**Note:** Although the above advice is determined by adherence to current Australian Standards, before undertaking any paving project, please consult a licensed tradesperson.

Alternatively, contact Austral Bricks and we will assist you with the selection of the most appropriate product for your application.



## Brickworks Design Centres

### Sales and Selection

#### Armadale

245 South Western  
Highway  
Armadale WA 6112

#### Busselton

75 Cook Street  
Busselton WA 6280

#### Bunbury

Unit 5, Lot 5 Picton Road  
Bunbury WA 6230

#### Malaga

10 Bonner Drive  
Malaga WA 6090

#### Subiaco

Shop 8, Homebase  
55 Salvado Road  
Subiaco WA 6008

## Brickworks Warehouses

### Yard and Pickups

#### Armadale

245 South Western  
Highway  
Armadale WA 6112

#### Malaga

10 Bonner Drive  
Malaga WA 6090

#### Bellevue

Military Road  
Bellevue WA 6056

#### Waterloo

Waterloo Road  
Waterloo WA 6228

#### Trading hours

For trading hours please visit [www.australbricks.com.au](http://www.australbricks.com.au)

## Brickworks Design Studios

### Sales, Selection, Functions and Events

#### Perth Design Studio

67 King Street  
Perth WA 6000

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### Western Australia

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