

Pavers

Queensland

pavers.
effortless style



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Front Cover: Moda - Leola
Contents: Riviera Classic - Imperia





Quality through Experience

With a history that extends beyond 100 years, Austral Bricks has a proud tradition of 100% Australian ownership, with all products being manufactured in Australia, using local materials and suppliers. Today, Austral Bricks' operations consist of 18 factories, across six states.

Our manufacturing plants combine state-of-the-art technology with the company's long experience in the manufacture of bricks and pavers to exacting Australian standards, resulting in a world-class high-quality product.

Each batch of bricks and pavers are graded at various stages of the manufacturing process and laboratory tested to make sure our products meet strict Australian standards.

Recognised as one of Australia's leading manufacturers of quality clay building products, Austral Bricks' resources extend beyond factories and clay reserves, to its team of dedicated employees.

A national research and development program co-ordinates all new product development activities to ensure that Austral Bricks continues to build its reputation for delivering top quality, innovative products that address the needs of the building and construction industry.

From humble beginnings, Austral Bricks has grown to be one of the leading, quality clay product manufacturers in the world and a truly great Australian success story.

Austral Bricks is proud of our innovative clay paver products, brought to you under the Austral Pavers brand.



Above: Moda - Zumo **Right:** Moda - Bello

The Benefits of Clay

At first glance most pavers look alike. So why use clay pavers? Only Austral Pavers offer an unbeatable combination of qualities that guarantee your paving will give long and colourful service with little maintenance. Austral Pavers offers an industry leading range of clay pavers to suit your busy lifestyle.

Permanent Colours

Clay pavers are made from naturally occurring minerals fired at temperatures up to 1000 degrees centigrade. The colours are locked in for life, and will not fade or go chalky.

Natural Appeal

A subtle colour variation is inherent in 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. Cleaning is easy, leaving more time to enjoy the outdoors. Clay paver colours and textures don't show up dirt, grime or light scuffing. Sealing is usually not required.

Excellent slip resistance

Austral 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 pavement will have a long and colourful life.

Salt Safe

Most Austral 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.





The Rich Colours of Clay

With longevity, versatility and style as it's main attractions, clay is also a favourite around the home because of it's rich colours and stain-resistant properties.

We have colours ranging from rich reds to warm chocolates and cool greys, providing a product to suit all architectural styles.

Use a contrasting colour for borders or feature work to create a landscape area to suit your individual style.

Left: Riviera Classic - Monte Carlo



Above & Right: Moda - Sol

Moda

Make an impression.

Designed in an artful array of natural tones and textures, innovative Moda brings new sophistication to outdoor entertaining areas.

An honest paver range, as uncompromising on quality as style, with its durability, finish and large format, Moda frees you to create the mood and moment for your guests.

Available in:

300 x 300 x 40mm

300 x 300 x 40mm Bullnose



Bello



Leola



Zumo



Sanza



Sol





Left: Riviera Classic - Monte Carlo **Right:** Riviera Classic - Imperia

Riviera Classic

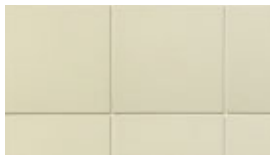
Riviera ceramic pavers have been designed to complement all lifestyles and home decors.

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

Available in:

300 x 300 x 40mm

300 x 300 x 40mm Bullnose



Monte Carlo



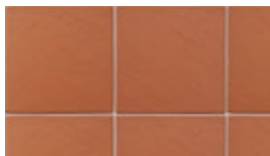
Andorra



Naples



Imperia



Valletta



Portfino



Right: Natural Stone - Black Granite

Natural Stone

Enjoy the luxury of natural stone in your home.

From the striking dark colours of our granite through to the light sophistication of our Black Granite, Limestone and Grey Sandstone, you will not be disappointed with your selection.

We recommend sealing our Natural Stone products. Consult your local hardware store for available products

Available in:

400 x 400 x 30mm

400 x 400 x 30mm Bullnose

400 x 400 x 20mm*

400 x 400 x 20mm Bullnose*

*Only available in Grey Sandstone



Black Granite



Grey Granite



Grey Sandstone



Limestone Tumbled



Right: Paris - Notre Dame

Paris

The Paris range of clay pavers will help you create the perfect entertaining area for your backyard.

With warm earthy tones and a smooth textured finish, these durable pavers are ideal for patios, driveways and pool areas. Now it's even easier to create your own outdoor oasis with our low maintenance, easy to lay Paris pavers.

Available in:

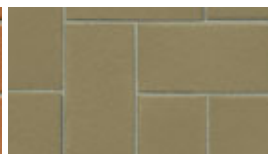
230 x 114 x 50mm



Voltaire



Notre Dame



Versailles



Bastille





Left: Paradise - Tugun

Paradise

Discover how easy the art of outdoor living is with Paradise pavers.

From driveways to garden paths and courtyards, Paradise Pavers come in a colour range of Miami, Tugun, Kirra and Burleigh, suited to our famous Queensland outdoor living.

Paradise is an ideal choice for courtyards where space is at a premium and are equally suited to large outdoor spaces. Salt safe and durable, Paradise pavers are made to last.

Available in:

230 x 114 x 50mm



Miami



Tugun



Burleigh



Kirra



Above: Moda - Sol

Maintenance

Maintaining your paved area will guarantee that it holds its good looks and natural appeal forever, ensuring added 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 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 centigrade.

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.



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.



1



2



3



4

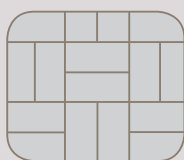


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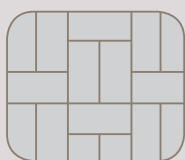


6

How to Pave. A Step-by-Step Guide



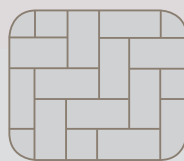
Basket



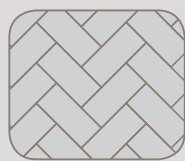
Weave Variation



Running Bond



Herringbone 90°



Herringbone 45°

Materials Needed

- Pavers
- Gravel Roadbase
(1m³ covers 10m² at a compacted depth of 100mm)
- Bedding Sand (1m³ will cover 30m² 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. For domestic driveways, 150 to 200mm of limestone or roadbase is recommended for the sub base. For patio and pedestrian areas, cemented stabilised sand may be used. See Figure 1.

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.

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.

6. Selecting Patterns

Austral Bricks pavers are available in a wide range of colours and shapes. This will give you a wide range of patterns. However, for vehicular traffic, only herringbone patterns should be used. See Figure 7.

7. 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 contract should exist with adjacent pavers. See Figure 8.

8. 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 using a diamond blade brick saw or a masonry saw. See Figure 9.

9. 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. Please study the cross section diagram of the edge restraint provided. 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.

10. 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.

11. 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.

Please note we recommend all pavers on driveways are laid on a reinforced concrete base. Products sized in large formats 300x300mm and above should always be laid on a concrete substrate for best results



Associated Companies Brickworks Group of Companies



Austral Masonry

The acquisition of a number of concrete masonry manufacturers, most notably GB Masonry in Queensland, complemented established manufacturing Victorian facilities and led to the formation of Austral Masonry.

Through natural growth and acquisition Austral Masonry has become a significant player in the market for grey block building materials in Queensland and provides further diversification of earnings for the group.



Austral Precast

Austral Precast is Australia's premier supplier of high quality, innovative and customisable precast concrete product solutions, to meet the needs of an evolving building and construction industry.

Operating from five plants located across Australia using state of the art technology, production techniques and systems, Austral Precast produces a diversified range of customised wall, floor, column, and client specific precast solutions.



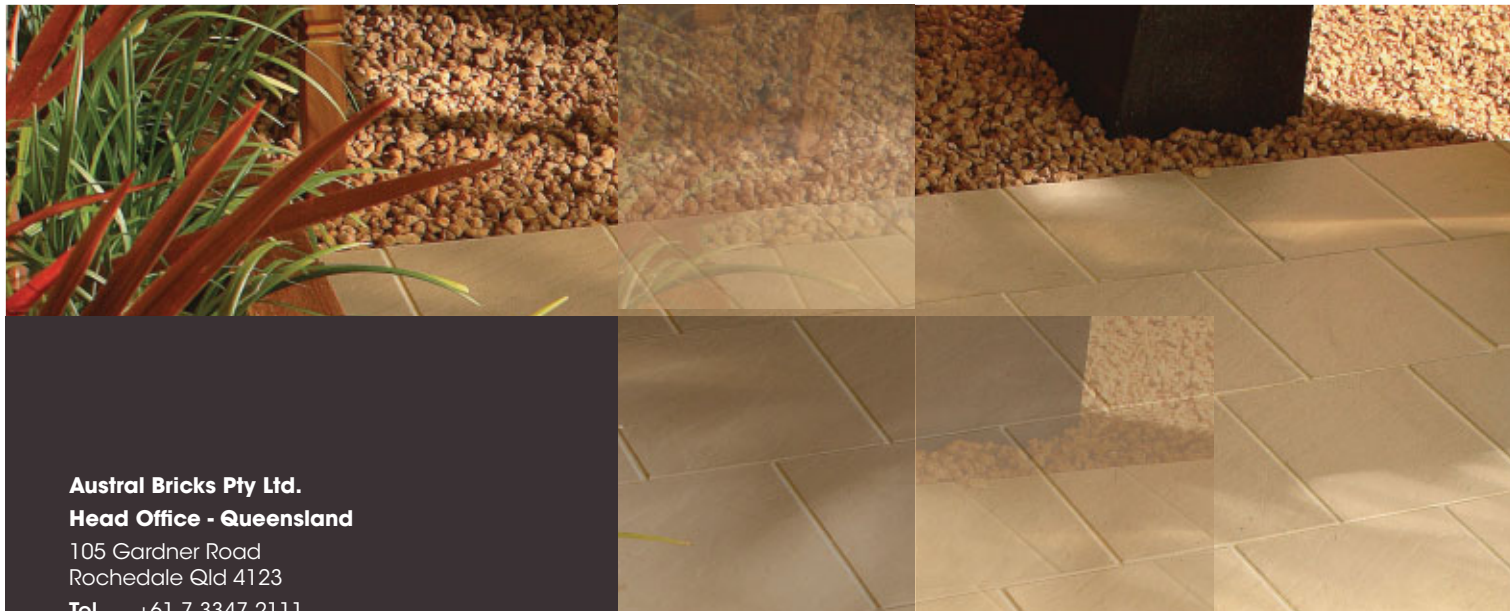
Bristile Roofing

Bristile Roofing was established in 1929 when Sir Lance Brisbane opened his first terracotta products factory in Perth. The division is now one of Australia's largest manufacturers and expert installers of quality terracotta, and concrete roof tiles.



Auswest Timbers

Auswest Timbers manufactures a diverse range of timber products including heavy structural timbers, roof tile battens through to floor boards and decking. The company has manufacturing plants in Western Australia, Victoria and the A.C.T.



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Fax. 07 4728 2879

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Fax. 07 5593 5727

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Toowoomba QLD 4350

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Armidale, NSW 2350

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Tel. 02 6618 2500

Bundaberg

86 Enterprise St,
Bundaberg, QLD 4670

Tel. 07 4151 3513

Byron Bay

10 Grevillea St,
Byron Bay, NSW 2481

Tel. 02 6685 2800

Casino

14 Cassino Dr,
Casino, NSW 2470

Tel. 02 6661 4600

Chinderah

24 Ozone St,
Chinderah, NSW 2487

Tel. 02 6672 1313

Gladstone

2 Hilliard St,
Gladstone, QLD 4680

Tel. 07 4972 6478

Goonellabah

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Goonellabah, NSW 2480

Tel. 02 6625 9900

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Tel. 07 4128 4188

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Kingaroy, QLD 4610

Tel. 07 4162 7611

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A division of

BRICKWORKS
BUILDING PRODUCTS

A member of

**THINK
BRICK**
AUSTRALIA

Our clay pavers are made from naturally occurring minerals that are kiln fired to lock in their colour and strength for life. The composition of the raw materials as well as the firing process may cause each run to differ. The resulting colour variation is inherent in the process and part of the appeal of our natural products. The product images in our brochures give a general indication of colour for your preliminary selection. We recommend you also view current product samples before making your final selection.

australpavers®

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