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icon guide

Personal Selection Recommended
Pavers will vary in size and colour, as each firing creates a very individual look to achieve the traditional character. We invite you to personally select your pavers at our Middle Swan Sales Office where our Sales Advisors will be able to assist you in your selection.

Rustic Appeal
These character clay pavers have been made to appeal to the homeowner who favours rustic charm. They feature variations in colour, texture and size. To achieve the desired effect, care is required with blending from several packs.

Pathways, Patios
Suitable for all pedestrian and patio applications in all laying patterns.

Driveways – Residential
Suitable for pedestrians, domestic driveways and light traffic access.

Driveways – Light Commercial
Suitable for pedestrians and commercial vehicles in residential applications.
From secluded courtyards to expansive driveways, Midland Brick’s paving collection can give your outdoor area the stylish, individual touch it’s been waiting for.

Whether you’re after a complete revamp to create a more contemporary space or going back to basics with a more traditional feel, there are plenty of options to inspire and help make your outdoor design dream a reality.

Available in an abundance of sizes, formats, colours and finishes, the possibilities are endless with Midland Brick’s paving range.
The uniqueness of our Handmade pavers means they will vary in size in all dimensions and the colour will vary within and between each production run.
Midland Brick - Paving Range

Heavy Duty

PATTERNS
- Stretcher Bond
- Basketweave
- Herringbone 90°
- Herringbone 45°

These character clay pavers have been made to appeal to homeowners who favour rustic charm.

PSR Personal Selection Recommended

Refer to Page 2

37 pavers/m²

Pompeii

Sentosa and Golden Dune
Masterpave Classic

**PATTERNS**
- STACK BOND 45º
- STACK BOND 90º
- stretcher bond

**24.5 pavers/m²**

**Limestone**

**Donnybrook**
*only available in 200x200x60mm*

**Heritage Red**
*only available in 200x200x60mm*

**Golden Sand**

**Pewter**

**Morocco**
*only available in 200x200x60mm*

**Steel Grey**

**Charcoal**

Refer to page 2
Promenade Classic

Limestone

Donnybrook

Golden Sand

Morocco

Pawlet

Charcoal

Steel Grey

PATTERNS

STACK BOND 45º
STACK BOND 90º
STRETCHER BOND

Bullnose

3.33 pavers/1m

10.9 pavers/m²

REFER TO PAGE 2

60mm

Limestone

Heritage Red

Autumn Blend

PATTERNS

STACK BOND 45º
STACK BOND 90º
STRETCHER BOND

10.9 pavers/m²

Bullnose

3.33 pavers/1m

REFER TO PAGE 2

60mm
Promenade *Granite*

**PATTERNS**
- Stack Bond 45º
- Stack Bond 90º
- stretcher bond

**Sizes:**
- 60mm

**Applications:**
- Refer to Page 2

**Pavers/㎡:**
- 10.9

**Bullnose:**
- 3.33 pavers/m²

**Colors:**
- Chalk
- Amber
- Copper
- Rose Quartz
- Titanium
- Graphite
- Platinum
Promenade Honed

**PATTERNS**
- Stack Bond 45º
- Stack Bond 90º
- stretcher bond

**Bullnose**
- 3.33 pavers/lm

**Gesso**
- 10.9 pavers/m²

*Refer to Page 2*
Boulevard

Classic Finish

- Limestone
- Pewter
- Charcoal
- Steel Grey

Granite Finish

- Chalk
- Platinum
- Graphite
- Titanium

Patterns

- Stretch Bond
- Basket Weave
- Herringbone 90°
- Herringbone 45°

Pavers/m²

- 12.5

Refer to Page 2
Signature Series **Rockpave**

**Alpine Ash**

**Onyx**

**PATTERNS**

- Stack Bond 45º
- Stack Bond 90º
- stretcher bond

**Bullnose**

- 3.33 pavers/m
- 10.9 pavers/m²

Refer to Page 2
Pavestone Classic

PATTERNS
STRETCHER BOND  BASKET WEAVE  HERRINGBONE 90°  HERRINGBONE 45°

Limestone  Donnybrook  Heritage Red
Morocco  Pewter  Charcoal

37 pavers/m²
Refer to Page 2
Primolino

Classic Finish
- Limestone
- Charcoal

Granite Finish
- Chalk
- Graphite

Charcoal 2.5 pavers/lm

REFER TO PAGE 2
Ashlar

Classic Finish

Limestone

Golden Sand

Charcoal

Steel Grey

Granite Finish

Chalk

Amber

Graphite

Titanium
The simplest way to lay Ashlar

The Ashlar pattern may seem challenging at first glance, but all the basic paving principles are at play. This unique design is surprisingly easy to install.

The easiest method to ensure success, is to use the pattern of each layer as it appears on the pallet and simply follow this pattern. Separating the pattern can leave you with odd sizes and ultimately more cutting. If you have the time and creativity however, your imagination is the limit in creating your own unique pattern.

Ashlar as it appears on the pallet

Full layer – 1000x1100mm – 1.1m²/layer

Individual Paver Sizes:
A – 400x400x60mm, B – 300x600x60mm,
C – 200x400x60mm, D – 300x400x60mm
E – 200x200x60mm

As Ashlar is a unique pattern formed by a range of different paver shapes and sizes, it is sold by the full layer. Each layer measures 1000x1100mm.

Each pallet is delivered with identical layer patterns throughout, so you will soon get used to the process.

Staggered Bond

The easiest way to lay with a true random pattern is by 'staggering' each layer. You can do this by taking the 200x200mm corner pieces out and fitting the next full layer of pavers from the pallet into the previous layer’s 200x200mm indent, as shown below.

Stack Bond

When working in narrow or confined areas, such as pathways, it may be easier to lay the pattern in a Stack Bond – laying each new layer directly above the preceding layer on the ground. This may reduce the amount of cutting that is required.
1. Prepare the site
To determine your finished paving level, consider the following:
• finished paving must be below the damp proof course level of any building.
• paving must slope away from buildings.
• allow for the depth of the base layer, bedding sand and paver.
Excavate the area and ensure the ground is level.
Refer to Figure below for approximate depths.

2. Base layer
For vehicular areas, spread a base layer (e.g. road base or well-graded crushed limestone) evenly to a minimum depth of 100mm. Rake to an even thickness before compaction. Compaction of road base is usually performed using a plate compactor.

3. Bedding layer
Spread and screed a clean bedding sand using two guides and a screeding board. Place guides in position and spread a layer of bedding sand to cover the guides. Pull the screeding board over the guides to achieve a uniform depth of 30mm. When levelled remove the guides and fill in the tracks with bedding sand and smooth off.

4. Laying the pavers
Setting Out - To ensure the integrity of your pattern, use string grid lines spaced at exact intervals around the perimeter of the job.
Cutting - Ensure product is fully wetted (soaked with water) to reduce any cutting slurry staining the product. Similarly, wash any slurry from product before laying and ensure slurry does not fall onto laid areas.
Edge Restraints prevent pavers from moving horizontally and also contain the sand and road base.

4. Continued...To prevent chipping, place pavers gently on the sand bed leaving a 2-3mm gap between (most Midland pavers now have spacer nibs). To achieve even blending, select down the side and randomly from different pallets.

5. Control Joints
Where unrestrained edging is used and pavers are laid correctly (with gaps between), control joints are generally not required. However, in large areas restrained by walls, kerbing or long driveways, it may be necessary to include control joints. A control joint is a 10-15mm gap between sections of the paved area. Spacing of the joints will vary depending on the pattern design and should be positioned at points of stress, like re-entrant corners and at points not exceeding 6 metres. Control joints can be filled with compressible material such as Abel Flex. Usually paving expansion occurs with change in temperature. Darker colours tend to move more and the paving will always give way at the weakest point – usually the edge restraint.

6. Joint filling
Sweep dry, fine white washed sand over the paving ensuring that all the joints are full.

7. Compacting the pavers
Compact the pavers using a mechanical plate compactor with a piece of clean carpet under the plate to prevent scratching or damage. After the first compaction, sweep in more jointing sand and compact again before sweeping off excess sand.

8. Sealing of pavers
To ensure optimum appearance and reduced maintenance, Midland Brick recommends sealing masonry pavers as soon as laid and when completely dry. Please consult a sealer manufacturer or contractor for more advice. The sealer will help slow down the absorption of any spill, but remember to quickly wash down any spills immediately.

WARNING: Hydrochloric acid should NOT be used with any masonry pavers as irreparable surface damage may occur.

REFER TO PAGE 17 FOR GENERAL PAVING TIPS
Important information

General

**Ordering Product** - When ordering product, we recommend they are all delivered at the same time to ensure colour consistency, as colours will vary within and between batches.

**Product Inspection** - We strongly recommend at all times there be careful inspections and supervision of all pavers delivered to ensure satisfactory results prior to and during installation. Any complaints regarding product should be directed to the place of purchase PRIOR to laying.

**Sizing** - Product supplied is within the dimensional tolerances specified in Australia/New Zealand Standard AS/NZS 4455. For further information please contact Midland Brick.

Sizes and number per square metre are nominal only and subject to variance due to installation technique, product colour and size variation through manufacturing processes. Please consult your Midland Brick Sales Advisor if mixing various colours into patterns.

**Colour Blending** - For the best colour blending results, blend your pavers from various packs as you lay. Ask our sales advisors for more information or go to www.midlandbrick.com.au

**Colour Variation** - Products on display are examples. Variation will occur naturally within a production run and with each production run of products.

**Chipping and Breakage** - Some minor chipping and breakage can occur during the delivery, offloading and installation of products. It is recommended that this product be used for cuts and infills.

**Cutting** - When cutting products, please ensure that the product is fully wetted (soaked with water), to reduce the chance of discolouration from cutting slurry entering the product surface. Similarly, ensure all slurry is washed from any cut product before laying. Ensure that no cutting slurry falls on surface of product already laid. For more information visit www.midlandbrick.com.au

**Cleaning** - Ensure that no acid based products are used to clean surfaces of masonry products. Please consult Midland Brick on 13 15 40 for further advice or visit www.midlandbrick.com.au

**Sealing** - To protect the life of your finished project and to enhance the chosen colour, sealing the pavers is recommended. Contact sealer manufacturer for expert advice. Sealing both sides of the paver prior to installation is recommended.

**Efflorescence** - A white powdery deposit known as efflorescence may sometimes appear on any concrete or masonry product. Efflorescence appears due to the migration of salts via evaporation to the surfaces of the paver. This is a temporary effect as the pavers acclimatise to their new environment. Visit www.midlandbrick.com.au for more information.

**Handmade Pavers** - To maintain the traditional character of handmade pavers, they will vary in size and colour. We invite you to personally select “Handmade” pavers at the Middle Swan Sales Office, as each firing creates a very individual look. Our Sales Advisors will be pleased to help you select for your project.

**Colour Fastness** - All concrete pavers will fade over time when exposed to direct sunlight. To maintain and enhance the chosen colour, sealing the pavers is recommended. Contact sealer manufacturers for further information.

**Swimming Pools** - Where paving is to be used for pool edging, it is recommended that you use our matching bullnose pavers. Paving should be protected with a suitable sealer to a minimum width of 2m from the pool edge. For a suitable sealer please consult with a sealer manufacturer for expert advice. Sealing the pavers is recommended. Contact sealer manufacturers for further information. Also see swimming pool comment above.

**Abrasive Objects** - Minor edge chipping can occur when steel drum rollers, mowers or edgers pass over paving bricks. Abrasive objects can also cause surface damage when moving machinery across pavers, or when a rubber strip or carpet between paver and machine will alleviate this chipping.

Crossovers and Driveways - In accordance with accepted engineering principles Midland Brick recommends the use of a sub-base layer under all segmental brick pavement subjected to vehicular traffic as referred to in Midland Brick’s Crossover & Driveway document. When paving crossovers you should first contact your local shire to ensure you comply with their specifications. Visit www.midlandbrick.com.au or talk to your Sales Advisor for more information.

**Bedding Sand** - Bedding material should be a well graded clean sand. A well graded concreting or plasterer’s sand is considered suitable. Salt attack is a potential problem with some clay and masonry paving and the capillary break provided by the bedding sand is essential. Fatty sands, loams or packing sands are not suitable.

**Joint Filling Sand** - Should be clean, sharp, well graded and finer than bedding sand with no soluble salts and no excessive fine material. A washed dry white sand is recommended.

**Jointing** - Jointing course is essential. Midland Brick recommends allowing a 2-3mm joint between pavers for cleaning joint sand to be swept in between pavers to ensure effective lock up and the use of a base layer under all segmental pavement subjected to vehicular traffic. Please refer to Midland Brick technical literature for specific recommendations or contact Midland Brick. For more information download the brochure from www.midlandbrick.com.au

**Control Joints** - See page 18 for information on control joints.

Pavers

**Paver Face** - Some pavers have subtle variation in colour and texture where either face can be used. The choice is yours.

**Paving Dimensions/Pattern Design** - Dimensions quoted are nominal only. Actual manufactured size will vary between batch runs, product type and colour of paver. Please consult your Midland Brick Sales Advisor, especially when mixing various colours into patterns.

**Paving Installation** - In accordance with accepted engineering principles, Midland Brick recommends allowing a 2-3mm joint between pavers for cleaning joint sand to be swept in between pavers to ensure effective lock up and the use of a base layer under all segmental pavement subjected to vehicular traffic. Please refer to Midland Brick technical literature for specific recommendations or contact Midland Brick. For more information download the brochure from www.midlandbrick.com.au

**Control Joints** - See page 18 for information on control joints.
For more information about Midland Brick

Call us on 13 15 40
Visit our website at midlandbrick.com.au
Drop into a Midland Brick Selection Centre or Reseller

Selection Centres

Jandakot
4 Armadale Road

Joondalup
16 Franklin Lane

Middle Swan
102 Great Northern Hwy

Osborne Park
8 Parkland Road

Subiaco
Home Base, 55 Salvado Rd

Authorised Regional Resellers

Bunbury
Beyond Bricks
11 Denning Road
(08) 9721 9777

Mandurah
Beyond Bricks
4 Rafferty Close
(08) 9535 5030

Dongara
Marsdens Transport
(08) 9927 1145

Esperance
Star Transport
(08) 9071 2345

Exmouth
Exmouth Hardware & Building Supplies
(08) 9949 1837

Geraldton
Goldings Paving Centre
(08) 9938 1061

Jurien Bay
RD Transport
(08) 9652 1241

Kalbarri
Kalbarri Carriers
(08) 9937 1500

Kalgoorlie
City Building Supplies
(08) 9091 4515

Katanning
Katanning Hardware
(08) 9621 1411

Lake Grace
Nambec Nominees
(08) 9865 1151, 0427 652 151

Lancelin
Lancelin Transport
(08) 9655 1827, 0407 386 548

Lancelin Trade & Rural
(08) 9655 2198

Mandurah
Beyond Bricks
(08) 9535 5030

Manjimup
Cutts Transport Pty Ltd
(08) 9777 0888

Margaret River
Pridmore Holdings
(08) 9757 2422

Narrogin
Narrogin Freightlines
0418 924 591

Northam
Lloyd’s Contracting
(08) 9622 7860

Southern Cross
SX Hardware & News
(08) 9049 1014

Wagin
Alexander Galt & Co
(08) 9661 1067

Wongan Hills
Overland Freight
(08) 9671 1457, 0427 711 821

York
York Landscape Supplies
(08) 9641 2300

Samples and displays should be viewed as a guide only. Colour/shade variations occur from batch to batch. Colours shown in this brochure are indicative only and should not be used for final selection. Whilst every effort is made to supply product consistent with brochures and examples, some colour and texture variation may occur within production runs. Not all colours are available in every region for each product. See your retailer for colours available in your region. Products ordered should be chosen from actual samples current at the time of order and are subject to availability. Photographs in this brochure are only representative of Midland Brick products and the appearance and effect that may be achieved by their use. Customers should ensure all delivered products are acceptable, and any concerns about products are made prior to laying.

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