



# Pavers



Masterpave Granite Arctic

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## Application guide



### Pathways, Stepping Stones

Suitable for all pedestrian applications in all laying patterns.



### Patios, Alfresco Areas

Suitable for all patio applications in all laying patterns.



### Driveways – Residential

Suitable for pedestrians, domestic driveways and light traffic access.



### Driveways – Light Commercial

Suitable for pedestrian and commercial vehicles in residential applications when layed on a suitable base.

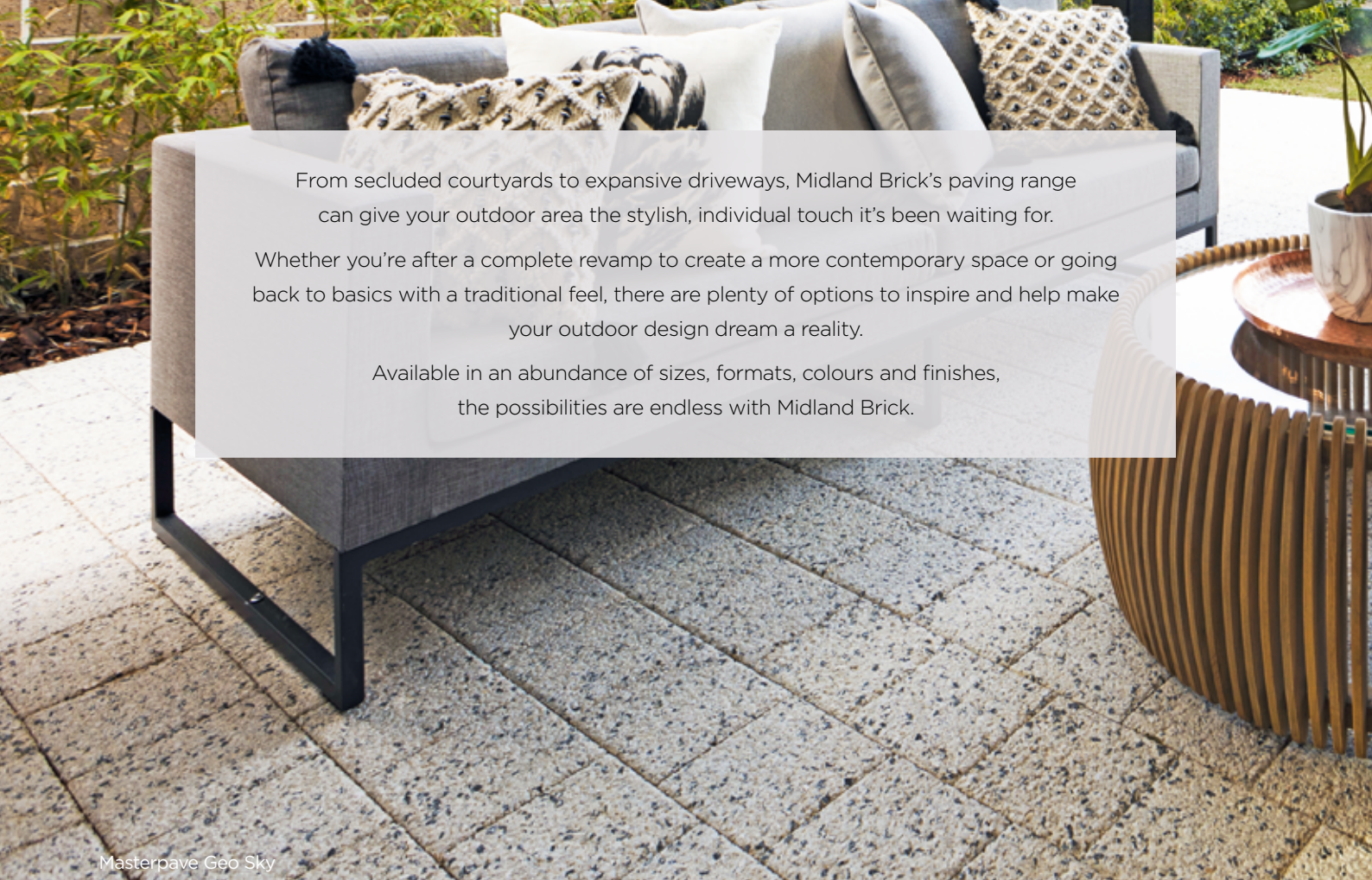


### Steps & Pool Surrounds

Suitable for steps and pool surrounds.

## Please note

- Prices include GST unless indicated.
- All prices and information listed are subject to revision without notice. Please re-confirm at time of order.
- Prices ex-Middle Swan & South Guildford Brickworks.
- Products picked up from our Joondalup yard may include the additional cost of cartage from the Brickworks to the yard.
- Delivery charges are not included.
- There is a handling service fee for all products that are delivered or picked up loose or in part packs.
- A restocking fee plus transport applies to any product returned to yards. Stocks must be in packs or on pallets as purchased.
- Product is supplied in packs or on pallets.
- Additional charges may apply for part packs or part pallets.
- Products delivered on pallets will incur an additional fee of \$50 per pallet and is fully refundable on return within 6 months of purchase date. Pallets can be arranged to be collected for a \$15 per pallet charge.
- Colour swatches are indicative of colour only, not product size. Due to the printing process, colours are representational only.
- Some products shown have been sealed. Midland Brick recommend applying sealer to maintain your pavers appearance and for added protection.
- Pavers per Sqm and Sqm per Pack/Pallet are approximate.



From secluded courtyards to expansive driveways, Midland Brick's paving range 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 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.

Masterpave Geo Sky

## How to measure your paving area

Step one is knowing the exact dimensions of the area you want to pave. Using a tape measure and string measure out your area. We recommend doing this multiple times to ensure you have an accurate measurement. Once you have measured your area, you can start to draw up your plan.

The quantity of the materials needed for the paving job depends upon the total area to be paved. This can be determined from measurements taken off the plan or if the area to be paved has been pegged out on site. The area is simply calculated by measuring the width and length of the area to be paved.

length  (m) x width  (m) =  area (m<sup>2</sup>)

### FOR RECTANGULAR AREAS

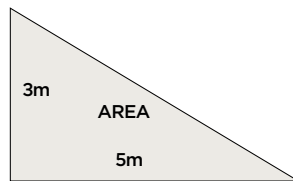
base (m) x height (m)  
= AREA (m<sup>2</sup>)



eg. 3m x 5m = 15m<sup>2</sup>

### FOR TRIANGULAR AREAS

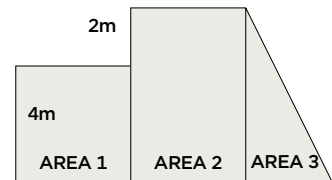
0.5 x base (m) x height (m)  
= AREA (m<sup>2</sup>)



eg. 0.5 x 3m x 5m = 7.5m<sup>2</sup>

### FOR ODD-SHAPED AREAS

Area 1 m<sup>2</sup> + Area 2 m<sup>2</sup> + Area 3 m<sup>2</sup>  
= TOTAL AREA (m<sup>2</sup>)



3m	3m	2m
<b>Area 1</b>	4m x 3m = 12m <sup>2</sup>	
<b>Area 2</b>	6m x 3m = 18m <sup>2</sup>	
<b>Area 3</b>	0.5 x 6m x 2m = 6m <sup>2</sup>	
<b>Total Area</b>	= 36m <sup>2</sup>	

Midland Brick recommend calculating the square metre area to be covered and adding 5% to allow for cuts and wastage.

To calculate this:

Area to be paved  (m<sup>2</sup>) x 1.05 (allows for 5% cutting) =  total m<sup>2</sup> of pavers required

Based on your estimate, Midland Brick will advise the number of packs or pallets required.

# Installation & Specification Guide

## Some Useful Terms

### Paver

A small format, solid paving unit having a gross plan area less than, or equal to 0.05m<sup>2</sup> used in combination with bedding sand to form a surfacing layer.

### Large format paver

A solid paving unit, with a gross plan area greater than or equal to 0.05m<sup>2</sup> which should be considered a flag in paving applications relating to control joints and edge restraints,

### Flag

A large format solid paving unit, each with a gross plan area exceeding 0.08m<sup>2</sup> used in combination with bedding sand to form a surfacing layer.

### Sub-base

An optional layer of soil placed between the excavated subgrade and the basecourse material.

### Subgrade

The ground on which the pavement is to be placed.

### Basecourse

The layer of material placed on either the subgrade or sub-base to support the surface course.

### Surface

The layer that includes the pavers and a course of bedding material.

### Edge Restraint

A row of pavers or other material that provides an edge to the pavement, and ensures that the pavers do not move.

### Joints

The gaps between pavers, which are usually filled with sand or grout to prevent displacement.

## Paver Specification Table

Pavement Applications	Minimum characteristic breaking load (kN)		Work size minimum thickness (mm)	
	Pavers	Flags	Pavers	Flags
Relevant Australian Standard	AS/NZS 4455.2 & 4456.5		AS/NZS 4455.2	
Pedestrians only (paths, patios, outdoor areas)	2	5	40	40
Pedestrian and light vehicles only (eg driveways)	3	7	40	50



Masterpave Classic Charcoal

## How to Lay Pavers

### 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.

### 2. Base layer

For vehicular areas a base course is recommended for increased strength beneath your segmental paving. The base course should be formed from a well-graded granular material such as gravel or crushed rock and be compacted between layers. Further details on specifications can be found in AS3727.1.

### 3. Bedding layer

The bedding layer should be uniformly spread across the compacted base layer. The bedding layer should be from course, well-graded washed sand, free from organic materials.

### 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. Pavers should not be cut to less than 25% of their original size.

**Laying pattern.** It is recommended to lay pavers for a driveway in an interlocking pattern such as herringbone with either a 45 or 90-degree configuration. This is the strongest pattern, and it will minimise the movement of individual paving units due to traffic. For large square format pavers and flags, consider the implication of not achieving interlock and whether these products are best suited for your application.

**Blending.** To achieve even blending, select and blend randomly from different packs or pallets as you lay.

### 5. Edge restraints.

Edge Restraints prevent pavers from moving horizontally and also contain the sand and road base. Edge restraints should be provided around the periphery of concrete flag pavements to the full depth of the paver or flag. Edge restraints may comprise of exposed or concealed concrete beam, barriers constructed using pre-mixed concrete or appropriate kerbing options. These minimise the loss of base courses and the sideways movements of pavers and flags. Edge restraints must be capable of accepting the specified vehicle loads.

### 6. 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, or when using large format paving or flags, 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.

### 7. Joint filling & Compacting

Sweep dry, fine whitewashed sand over the paving ensuring that all the joints are full. 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.



Flagstone Silver

# Masterpave Classic

200x200mm



Silver  
*\*only available in 200x200x60mm*



Pewter



Charcoal

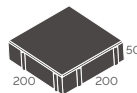


Steel Grey

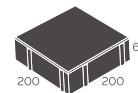


Limestone






## Masterpave Classic



**\$32<sup>00</sup>**  
SQM  
approx



**\$37<sup>00</sup>**  
SQM  
approx

				Price per SQM inc.GST	Price per Pack inc.GST	Pavers per Pack	Sqm per Pack (approx)	Pavers per Sqm (approx)	
	200x200x50mm				\$32.00	\$345.59	270	10.8	25
	200x200x60mm				\$37.00	\$340.39	230	9.2	25



Steel Grey

# Masterpave Granite

200x200mm



Arctic



Sea Mist



Tundra



Storm Cloud

## Masterpave Granite



	Price per SQM inc.GST	Price per Pack inc.GST	Pavers per Pack	Sqm per Pack (approx)	Pavers per Sqm (approx)
 200x200x60mm   	\$47.00	\$428.62	228	9.12	25

Please note: all pavers shown on this page have been sealed.





Sea Mist

# Masterpave Stonewash

200x200mm



Charcoal



Grey

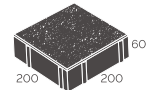


Silver



Stonewash Silver

## Masterpave Stonewash



**\$49<sup>00</sup>**  
SQM  
approx

	Price per SQM inc.GST	Price per Pack inc.GST	Pavers per Pack	Sqm per Pack (approx)	Pavers per Sqm (approx)
 200x200x60mm   	\$49.00	\$446.88	228	9.12	25

Please note: all pavers shown on this page have been sealed.

# Masterpave Geo

200x200mm



Dew



Sky

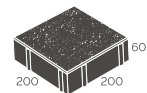


Kao




Kao

## Masterpave Geo



**\$5000**  
SQM  
approx

	Price per SQM inc.GST	Price per Pack inc.GST	Pavers per Pack	Sqm per Pack (approx)	Pavers per Sqm (approx)
 200x200x60mm   	\$50.00	\$455.98	228	9.12	25

 Midland Brick recommend only using Enhance Penetrating Sealer for Geo Collection.

Please note: all pavers shown on this page have been sealed.

# Promenade Classic

300x300mm



Limestone



Golden Sand



Autumn Blend



Pewter



Steel Grey

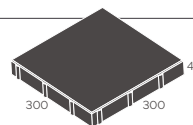


Charcoal

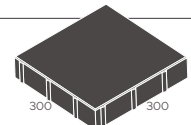


Charcoal




## Promenade Classic



**\$42.00**  
SQM approx



**\$50.00**  
SQM approx

			Price per SQM inc.GST	Price per Pallet inc.GST	Pavers per Pallet	Sqm per Pallet (approx)	Pavers per Sqm (approx)
 300x300x40mm	 		\$42.00	\$847.54	224	20.18	11.1
 300x300x60mm	   		\$50.00	\$720.98	160	14.42	11.1

# Cambridge Classic

400x400mm



Limestone



Steel Grey

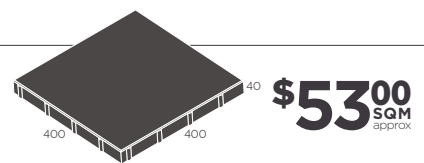


Charcoal



Charcoal

## Cambridge Classic



	Price per SQM inc.GST	Price per Pallet inc.GST	Pavers per Pallet	Sqm per Pallet (approx)	Pavers per Sqm (approx)
 400x400x40mm  	\$53.00	\$1,060.00	126	20	6.3

# Flagstone Classic

330x165mm



Charcoal



Pewter

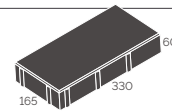


Silver



Silver

## Flagstone Classic



**\$50<sup>00</sup>**  
SQM  
approx

	Price per SQM inc.GST	Price per Pack inc.GST	Pavers per Pack	Sqm per Pack (approx)	Pavers per Sqm (approx)
 330x165x60mm    	\$50.00	\$371.00	135	7.42	18.2

Please note: all pavers shown on this page have been sealed.

# Flagstone Granite

330x165mm



Arctic



Tundra



Sea Mist

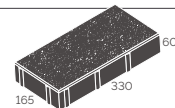


Storm Cloud



Arctic

## Flagstone Granite



**\$5800**  
SQM approx

	Price per SQM inc.GST	Price per Pack inc.GST	Pavers per Pack	Sqm per Pack (approx)	Pavers per Sqm (approx)
 330x165x60mm    	\$58.00	\$430.35	135	7.42	18.2

Please note: all pavers shown on this page have been sealed.

# Flagstone Stonewash

330x165mm



Charcoal



Grey

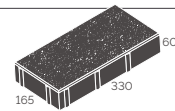


Silver



Silver

## Flagstone Stonewash



**\$60.00**  
SQM approx

	Price per SQM inc.GST	Price per Pack inc.GST	Pavers per Pack	Sqm per Pack (approx)	Pavers per Sqm (approx)
 330x165x60mm    	\$60.00	\$445.19	135	7.42	18.2

Please note: all pavers shown on this page have been sealed.



# Flagstone Geo

330x165mm



Dew



Sky



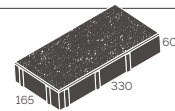
Kao



Sky

Please note: all pavers shown on this page have been sealed.

## Flagstone Geo



**\$62<sup>00</sup>**  
SQM  
approx

	Price per SQM inc.GST	Price per Pack inc.GST	Pavers per Pack	Sqm per Pack (approx)	Pavers per Sqm (approx)
 330x165x60mm   	\$62.00	\$460.04	135	7.42	18.2

 Midland Brick recommend only using Enhance Penetrating Sealer for Geo Collection.

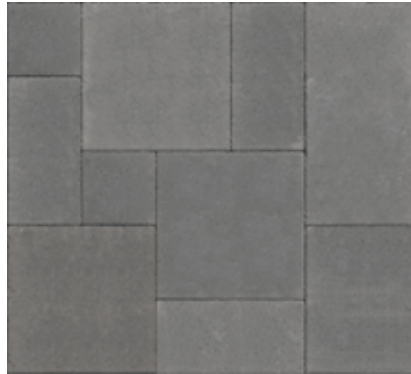
Please note: all pavers shown on this page have been sealed.

# Ashlar Classic

1000x1100mm



Limestone



Charcoal



Steel Grey

**SOLD IN LAYERS ONLY**

Full layer - 1000x1100mm = **1.1m<sup>2</sup>**/layer

Individual Paver Sizes:

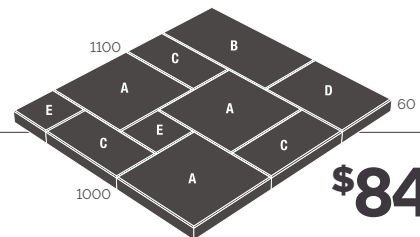
A - 400x400x60mm

B - 300x600x60mm

C - 200x400x60mm

D - 300x400x60mm

E - 200x200x60mm



**\$8470**  
PER LAYER

## Ashlar Classic

	Price per LAYER inc.GST	Price per Pallet inc.GST	Layers per Pallet	Sqm per Pallet (approx)	Layer
 Full Layer 1000x1100x60mm   	\$84.70	\$847.00	10	11	1.1 sqm



Steel Grey

# Pavestone Classic

230x114mm



Limestone



Heritage Red



Autumn Blend

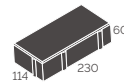


Pewter



Charcoal

## Pavestone Classic



**\$41.00**  
SQM approx

	Price per SQM inc.GST	Price per Pack inc.GST	Pavers per Pack	Sqm per Pack (approx)	Pavers per Sqm (approx)
 230x114x60mm   	\$41.00	\$357.92	330	8.73	37.8

# Heavy Duty Clay Pavers

230x114mm



Golden Dune



Sentosa

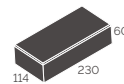


Red



Sentosa and Golden Dune

## Heavy Duty Clay Pavers



**\$5800**  
SQM  
approx

	Price per SQM inc.GST	Price per Pack inc.GST	Pavers per Pack	Sqm per Pack (approx)	Pavers per Sqm (approx)
 230x114x60mm    	\$58.00	\$487.20	312	8.4	37

# Bullnose Pavers



**Bullnose**



**Pencil Round**

Price per LM inc. GST	Pavers per LM	Length per unit mm
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## Masterpave 200x200mm

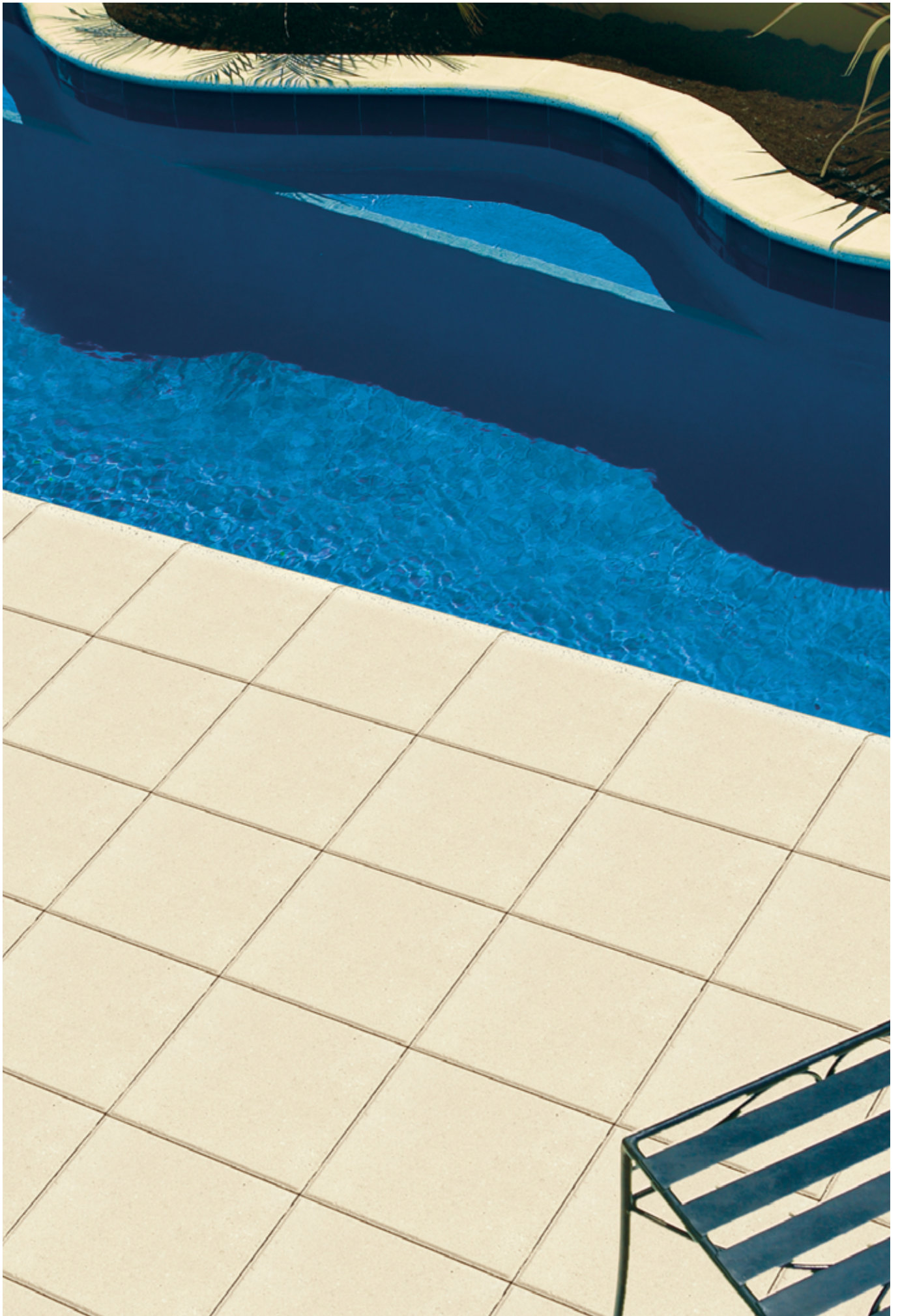
Classic 50	Charcoal Limestone Pewter Silver Steel Grey	50mm Bullnose	\$47.50	5	200
		50mm Pencil Round	\$53.00	5	200
Classic 60	Charcoal Limestone Pewter Silver Steel Grey	60mm Bullnose	\$58.80	5	200
		60mm Pencil Round	\$64.30	5	200

## Promenade 300x300mm

Classic	Autumn Blend Charcoal Golden Sand Limestone Pewter Steel Grey	40mm Bullnose	\$37.50	3.33	300
		40mm Pencil Round	\$44.50	3.33	300
		60mm Bullnose	\$51.00	3.33	300
		60mm Pencil Round	\$59.00	3.33	300

## Cambridge 400x400x40mm

Classic	Charcoal Limestone Steel Grey	Bullnose	\$47.65	2.5	400
		Pencil Round	\$57.85	2.5	400



# Paving Accessories

To protect the life of your finished project and to allow easy cleaning, Midland Brick recommends that your paving be sealed – in particular, paving in coastal areas or harsh environments. The application of a sealer will protect your investment and maintain the paver’s appearance.

	Features and Benefits	Areas of Use	Price
<b>Enhance Gloss</b> 15l <i>Clear gloss finish, high wet look colour enhancement</i>	<ul style="list-style-type: none"> <li>• Gloss finish.</li> <li>• Deep natural colour enhancement.</li> <li>• Tough and durable coating.</li> <li>• Excellent adhesion.</li> <li>• High stain resistance.</li> <li>• Provides a clear, non-yellowing film.</li> <li>• Resists oils, grease and general dirt pick up.</li> <li>• Suppresses efflorescence.</li> <li>• Easy re-coat, repair and maintenance.</li> </ul>	Driveways, Car Parks, Garages, Paths and Walkways, Shopping Malls, Pedestrian Areas, Alfresco Areas, Bus Stations, Schools.  Suitable for both interior and exterior use.	\$217.99
<b>Enhance Satin</b> 15l <i>Clear satin finish, high wet look colour enhancement</i>	<ul style="list-style-type: none"> <li>• Satin “wet look” finish.</li> <li>• Deep natural colour enhancement.</li> <li>• Tough and durable coating.</li> <li>• Excellent adhesion.</li> <li>• High stain resistance.</li> <li>• Provides a clear, non-yellowing film.</li> <li>• Resists oils, grease and general dirt pick up.</li> <li>• Suppresses efflorescence.</li> <li>• Easy re-coat, repair and maintenance.</li> </ul>	Driveways, Car Parks, Garages, Paths and Walkways, Shopping Malls, Pedestrian Areas, Alfresco Areas, Bus Stations, Schools.  Suitable for both interior and exterior use.	\$217.99
<b>Enhance Penetrating</b> 15l <i>Natural invisible finish, no colour enhancement</i>	<ul style="list-style-type: none"> <li>• Natural finish.</li> <li>• Penetrating treatment.</li> <li>• Allows area treated to “breathe”.</li> <li>• “Invisible” protection.</li> <li>• Does not increase slipperiness of surface.</li> <li>• Enhances life of pavers and serviceability.</li> <li>• Suppresses efflorescence.</li> <li>• Reduces spalling by minimising water penetration.</li> </ul>	Driveways, Car Parks, Garages, Paths and Walkways, Shopping Malls, Pedestrian Areas, Alfresco Areas, Bus Stations, Schools, Pool Surrounds.  Suitable for both interior and exterior use.	\$217.99
<b>Enhance Water Based</b> 15l <i>Clear satin to gloss finish, low to medium wet look colour enhancement</i>	<ul style="list-style-type: none"> <li>• Satin to gloss finish.</li> <li>• Excellent adhesion.</li> <li>• UV stable.</li> <li>• Non-yellowing.</li> <li>• Highly water repellent</li> <li>• Hard wearing, water borne coating.</li> <li>• Resists stains and damage to substrate.</li> <li>• Resists algal and other growth.</li> <li>• Not suitable for vehicular traffic.</li> </ul>	Paths and Walkways, Shopping Malls, Pedestrian Areas, Alfresco Areas, Schools.  Suitable for both interior and exterior use.	\$180.00
<b>Silane Treatment Si</b> 15l <i>Slight colour enhancement on concrete, clear natural finish</i>	<ul style="list-style-type: none"> <li>• Natural finish (slight colour enhancement to some surfaces).</li> <li>• Reduces ingress of water and minimises efflorescence through its reaction with soluble salts and its water repellence.</li> <li>• Excellent fungal and algal resistance.</li> <li>• Long term U.V. resistance.</li> <li>• Allows substrates to breathe.</li> </ul>	Driveways, Car Parks, Garages, Paths and Walkways, Shopping Malls, Pedestrian Areas, Alfresco Areas, Bus Stations, Schools, Pool Surrounds.  Suitable for both interior and exterior use.	\$217.99
<b>Stain Repel</b> 15l <i>Low colour enhancement, low sheen finish</i>	<ul style="list-style-type: none"> <li>• Low sheen finish.</li> <li>• Superior stain resistance.</li> <li>• Excellent adhesion.</li> <li>• Breathable.</li> <li>• High coverage rate.</li> <li>• UV stable.</li> <li>• Provides a clear, non-yellowing 100% acrylic film.</li> <li>• Resists oils, grease and general dirt pick up.</li> <li>• Maintains an almost natural appearance.</li> <li>• Tough and durable 100% acrylic coating.</li> </ul>	Paths and Walkways, Shopping Malls, Pedestrian Areas, Alfresco Areas, Schools.  Suitable for both interior and exterior use.	\$357.99
<b>Solvent</b> 15l	<ul style="list-style-type: none"> <li>• Used as a diluent for solvent based acrylic resin systems.</li> <li>• May be used as clean up for all solvent based products.</li> </ul>	Thinning of solvent film forming sealers.	\$137.00
<b>Heavy Duty Cleaner</b> 15l	<ul style="list-style-type: none"> <li>• Removes oil, grease and other stains prior to sealing.</li> <li>• Fast acting and deep penetrating cleaner.</li> <li>• Safe and easy to use.</li> <li>• Rinseable with water.</li> <li>• Assists removal of excess cured sealer coatings.</li> </ul>	Dirty, greasy and grimey surfaces, Sealer removal, Sealer stripping, Interior, Exterior, Floors, Walls	\$126.99
<b>Efflorescence Remover</b> 4l	<ul style="list-style-type: none"> <li>• Effective treatment of efflorescence.</li> <li>• Fast acting.</li> <li>• Easy to use.</li> <li>• Prepares substrates for sealing</li> </ul>	Efflorescence on walls and floors	\$33.00



## How to seal and protect your pavers

### TIP

Apply to a dry surface. To test for moisture, tape down a clear plastic sheet over a small section of the surface to be treated in direct sunlight and leave for 2 hours. If moisture appears on the underside of the sheet the area is too damp.

### COVERAGE

1 litre of each of sealers will cover approximately 3-5m<sup>2</sup> depending on the porosity of the paved area.

### EQUIPMENT

These products are easily applied by brush, roller or spray.

### NUMBER OF COATS

2 coats are required to give a good stain and water repellent seal to paved surfaces.

### DRYING TIME

Allow 2-4 hours between coats.  
Allow 6-8 hours before light foot traffic.

### CLEAN UP

Please refer to the specific product label for the most effective method of clean up.

For detailed instructions on suitability, surface preparation and application steps, please refer to the product label.

# Supply & Install Paving Service

The complete paving package – supplied and professionally installed with a 12 month guarantee on all workmanship and Midland Brick products.

Our unique Supply and Install Paving Service can take care of all of the following in the one fixed price, so you can just sit back relax and let our professional team handle the entire project.

#### **Expert design and planning advice**

Receive all the help you need in selecting the best paving colours, sizes and cutting patterns, and in understanding the laying process and all the creative possibilities.

#### **More cost certainty**

With a fixed, up-front quotation valid for 30 days.

#### **Guaranteed quality of product and service.**

All products are installed in first-class, brand-new condition and the workmanship and products are guaranteed for one year, backed by Western Australia's leading building products manufacturer.

#### **We take care of everything.**

Complete approvals compliance. All work is carried out to meet, if not exceed, the minimum specification standards set by the relevant Shire. All work is professionally managed by one of our experienced Installation Supervisors.

#### **More paving choice.**

Select from the State's biggest range of precision-engineered Midland Brick paving products in a variety of colours, shapes, textures and sizes.

There's no easier, more reliable and more cost-effective way to get high-quality paving, professionally laid.

**For more information visit  
[midlandbrick.com.au](http://midlandbrick.com.au)  
or call 13 15 40.**

Supply & Install Service is only available on orders with a minimum value of \$1500 or 30sqm or more.



# Important Information

All prices shown will be charged at the ruling rate on date of delivery. Delivery charges are not included.

**Safety Information.** We have safety information sheets available providing details on brick cutting, cleaning, safe storage and movement of bricks and pavers.

**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.

**Colour Blending.** For the best colour blending results, blend your pavers from various packs as you lay.

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

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

**Bullnose Pavers.** Due to the machining process all requirements for each project must be ordered at once to ensure colour, texture and profile consistency.

**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.

**Cleaning.** Ensure that no acid based products are used to clean surfaces of masonry products.

**Paving Installation.** In accordance with accepted engineering principles, Midland Brick recommends allowing 2-3mm joints between clay pavers for clean jointing sand to be swept in between pavers to ensure effective lock up and the use of a base course layer under all segmental pavements subjected to vehicular traffic. Masonry Pavers already contain 2mm nibs on each edge.

**Control Joints.** Control joints are generally not required when pavers are laid over unbound bedding sand and appropriate gaps are incorporated between adjacent pavers. However, in large areas of flexible paving restrained by walls, kerbing, etc. or long driveways it may be necessary to include control joints. A control joint consists of a 10-15mm gap between the sections of the pavers. Spacing of the control joints will vary depending on the design and should be positioned to coincide with points of weakness, re-entrant corners and centres not exceeding 6 metres. Control joints can be filled using a compressible material such as Abel Flex. Usually expansion of the paving mass occurs due to the change in ambient temperature. Darker coloured pavers tend to move more and the paving will always give way at the weakest point, which is usually the edge restraint.

**Crossovers and Driveways.** In accordance with accepted engineering principles Midland Brick recommends the use of a sub-base course layer under all clay segmental brick pavements subjected to vehicular traffic as referred to in Midland Brick's Crossover and Driveway document. When paving crossovers you should first contact your local shire to ensure you comply with their specifications.

**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.

**Abrasive Objects.** Minor edge chipping can occur when steel drum rollers, mowers or edgers pass over paving bricks. When moving the above machinery across pavers, insertion of a rubber strip or carpet between paver and machine will alleviate this chipping.

**Tyre Markings.** Tyre markings may appear on any type of pavement surface due to tyre compounds, vehicle weight, direction and the action of power steering.

**Salt Water Pools.** Paving should be protected from salt water with a suitable sealer to a minimum width of 2m from the pool edge. Ask your Midland Brick Sales Advisor for more information about our range of sealers today. Sealers should be renewed periodically as recommended by the sealer manufacturer. When clay or masonry product is subjected to severe salt attack situations, some deterioration may occur over time. For Bullnose pavers we recommend sealing both sides of the paver prior to installation.

**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.

**Sealing.** To protect the life of your finished project and to allow easy cleaning, Midland Brick recommends that your paving be sealed - in particular, paving in coastal areas or harsh environments. The application of a sealer will protect your investment and maintain the paver's appearance. Refer to page 23.

**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.

**Country Orders.** Bricks and pavers can be double strapped, packed and strapped onto pallets and/or shrink wrapped for country cartage on request. 48 hours notice required. Price on application. Note: Clients are reminded that when picking up product ex works, vehicles must have side gates or mesh. Mesh can be purchased direct from Midland Brick.

**Loose Loading.** Load restraint laws restrict what and how we load loose product into vehicles. Loose products can only be loaded into vehicles with an enclosed boot or with a cargo barrier in place. A service fee applies for all products loaded loose. Please check with a Sales Advisor for further details.

**Trailer Weight Restrictions.** Due to weight restrictions your garden trailer may not be suitable. If your trailer is not marked with load specifications, you can only load a maximum of half a pack of pavers/face bricks. Suitable trailers are available for hire from Midland Brick.

For further information please contact a Midland Brick sales advisor on 13 15 40 or head to [www.midlandbrick.com.au](http://www.midlandbrick.com.au)

# Midland Brick

For more information about Midland Brick

 Call us on **13 15 40**

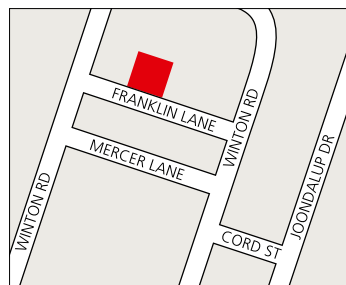
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 Drop into a Midland Brick Selection Centre or Reseller

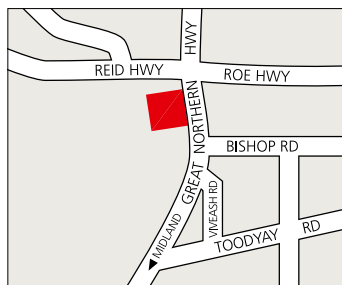
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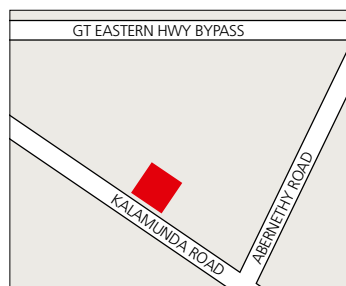
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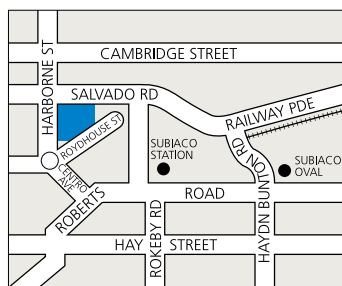
**Joondalup**  
16 Franklin Lane



**Middle Swan**  
321 Great Northern Hwy



**South Guildford**  
1/260 Kalamunda Road



**Subiaco**  
Home Base, 55 Salvado Road

## Resellers

For the full list of regional resellers, head to [midlandbrick.com.au/locations](http://midlandbrick.com.au/locations)



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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