adbri TASSIE PROUD OVER 60 YEARS

adbri MASONRY
working together

LANDSCAPE SOLUTIONS

TAS | PAVING

AUSTRALIA'S LEADING MASONRY MANUFACTURER

Adbri produces an innovative range of architecturally inspired concrete products for use in all residential and commercial landscaping applications! This premium range of concrete pavers, retaining walls, garden edging and land stabilisation products are proven performers and can be used to enhance your home.

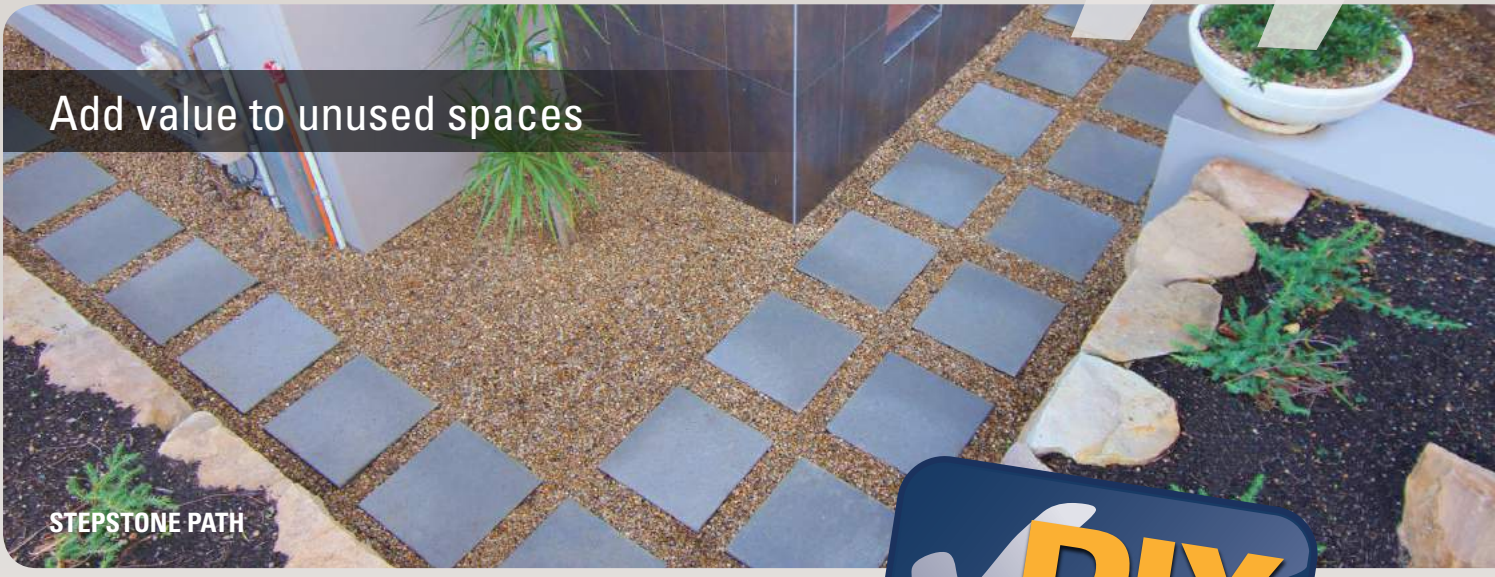
Pavers are the foundation to an Outdoor Room and with designer varieties for patios, courtyards and entertaining areas, there is an Adbri paver for every home paving project. Adbri also produce the Euro® Paving System, Australia's premium pavement solution which features high quality pavers available in a range of textures and finishes.

JASON HODGES
LANDSCAPING EXPERT

Jason Hodges is Adbri's DIY landscaping expert! Jason shares his 20 years experience as a landscaper and more recently, an award winning landscape designer. Learn from Jason and look out for his hints and tips to help you get the most from your outdoor space.

Jason Hodges | Landscaping Expert

ADD VALUE TO YOUR PLACE THIS WEEKEND



DIY WITH ADBRI

For the full range of my hints, tips and DIY videos visit us at **adbrimasonry.com.au/diy**

Euro® Stone

The Euro® Stone range is a popular choice for alfresco areas and outdoor rooms. The on trend palette of greys providing ample opportunity to complement the wider landscape design.

A gentle shotblast to the paver, exposes the natural granite and marble stones within, producing a light sparkle in sunlit areas.

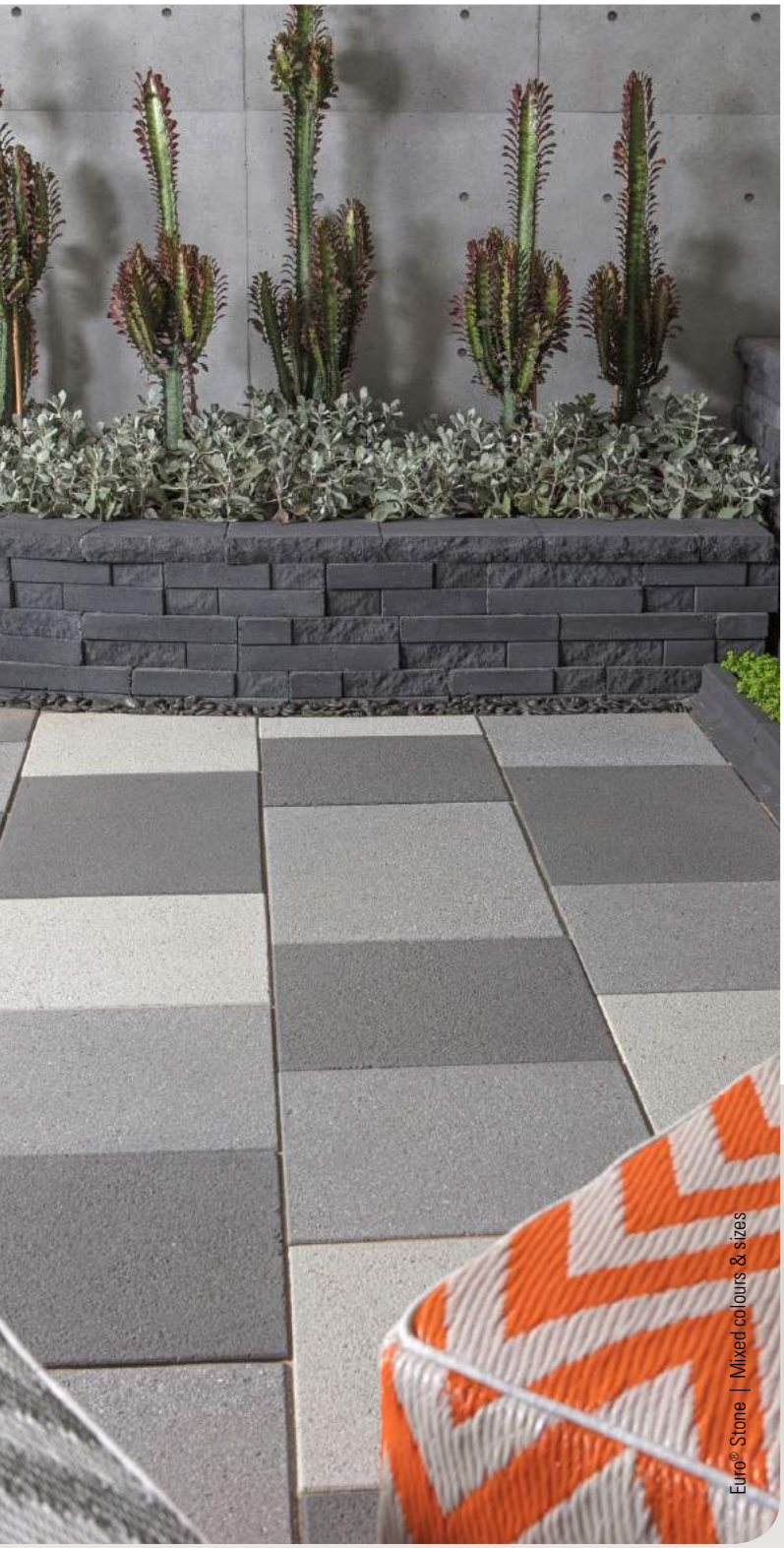
'I love the textured feel that this architecturally inspired paver adds to outdoor spaces.'

Jason Hodges | Landscaping Expert

RECOMMENDED FOR

Courtyards | Paths | Steps | Pool Surrounds | Driveway Safe*

*When laid onto a suitable concrete base.



Euro® Stone | Mixed colours & sizes

AVAILABLE SIZES

Euro® Stone
6.25 units per m²

Euro® Stone Sharknose
2.5 units per lineal metre

Euro® Stone 600x400
4.15 units per m²

600X400 SIZE IS ONLY AVAILABLE IN THE ZURICH AND PRAGUE COLOURS

COLOUR OPTIONS

RIVERINA

ZURICH*

PRAGUE*

Whilst these swatches provide a good indication of the products colour, you should always sight product samples before use. Due to natural variations in aggregates, colours may vary.

*600 x 400 only available in Zurich and Prague.

Euro® Classic

Euro® Classic pavers boast a traditional pressed surface texture which features a light texture ensuring suitable resistance to slip, making these pavers ideal for all external paving applications.

The smooth, flat surface means these pavers are easy to clean and maintain, ensuring aesthetic appeal over time.

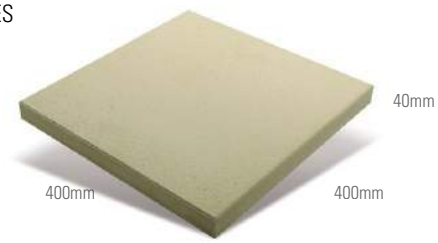
RECOMMENDED FOR

Courtyards | Paths | Steps | Pool Surrounds | Driveway Safe*

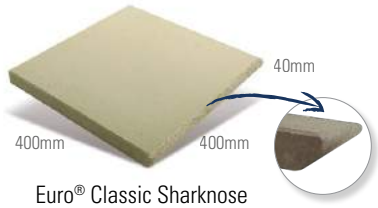
*When laid onto a suitable concrete base.

Euro® Classic | Cyprus

AVAILABLE SIZES



Euro® Classic
6.25 units per m²



Euro® Classic Sharknose
For pool coping and steps
2.50 units per lineal metre
This product is made to order, lead times apply.

Euro® Classic 600x400
4.15 units per m²
600X400 SIZE IS ONLY AVAILABLE IN THE PRAGUE AND VIENNA COLOURS

COLOUR OPTIONS

CYPRUS

ATHENS

PRAGUE*

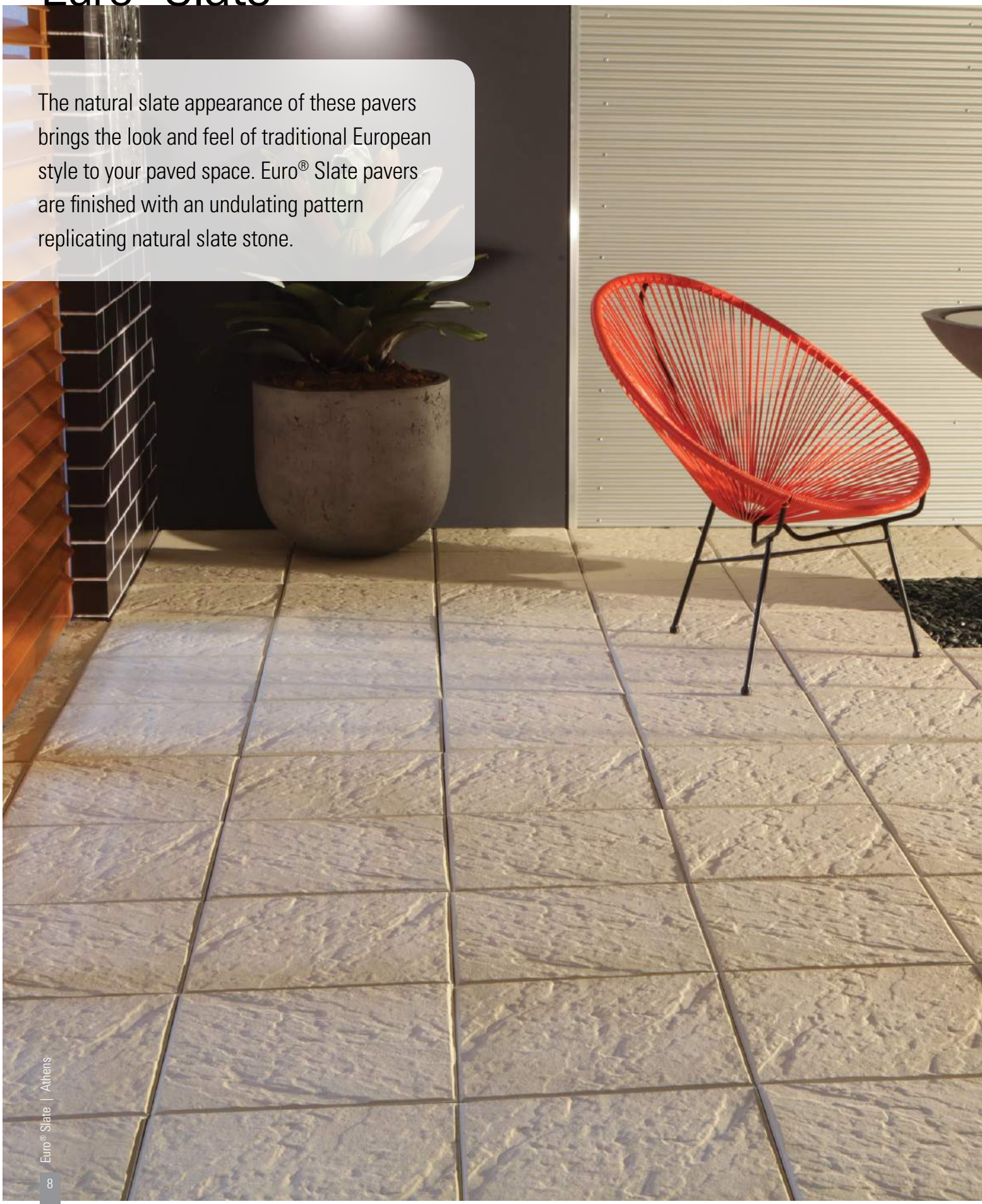
VIENNA*

Whilst these swatches provide a good indication of the products colour, you should always sight product samples before use. Due to natural variations in aggregates, colours may vary.

*600 x 400 only available in Prague and Vienna.

Euro® Slate

The natural slate appearance of these pavers brings the look and feel of traditional European style to your paved space. Euro® Slate pavers are finished with an undulating pattern replicating natural slate stone.



RECOMMENDED FOR

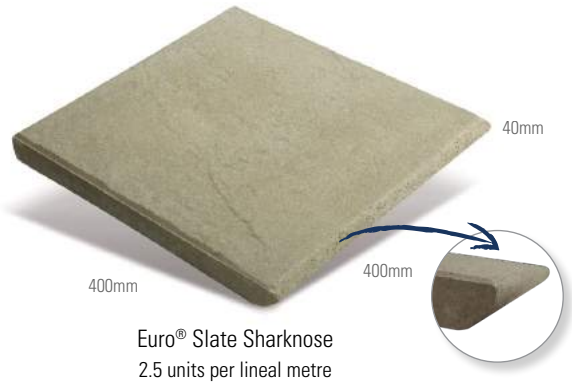
Courtyards | Paths | Steps | Pool Surrounds* | Driveway Safe**

*Please seek further technical advice for laying around pools.
**When laid onto a suitable concrete base.

Euro® Slate | Prague

AVAILABLE SIZES

Euro® Slate
6.25 units per m²



Euro® Slate Sharknose
2.5 units per lineal metre

COLOUR OPTIONS

ATHENS

PRAGUE

Whilst these swatches provide a good indication of the products colour, you should always sight product samples before use. Due to natural variations in aggregates, colours may vary.

Quadro™

Quadro™ is a functional large format paver which is perfect for DIY projects around the home. Light in weight and easy to install, Quadro™ will enhance your Outdoor Room.

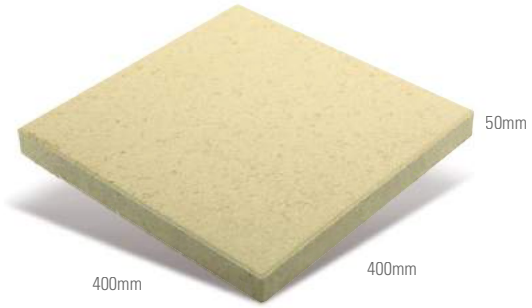
RECOMMENDED FOR

Courtyards | Paths | Steps | Driveway Safe*

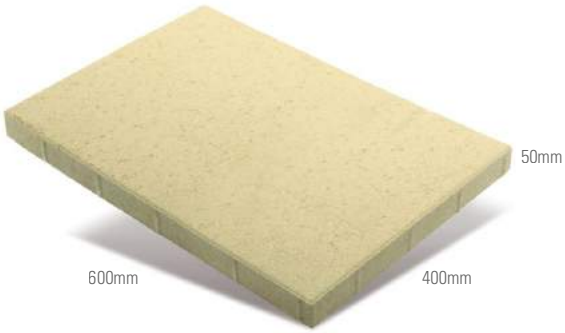
** When constructed on a suitable concrete base.*

Quadro™ | Oatmeal

AVAILABLE SIZES



Quadro™ 50
6.25 units per m²



Quadro™ 6x4
4.15 units per m²

COLOUR OPTIONS

CHARCOAL

SUNSTONE

OATMEAL

STEEL

Whilst these swatches provide a good indication of the products colour, you should always sight product samples before use. Due to natural variations in aggregates, colours may vary.

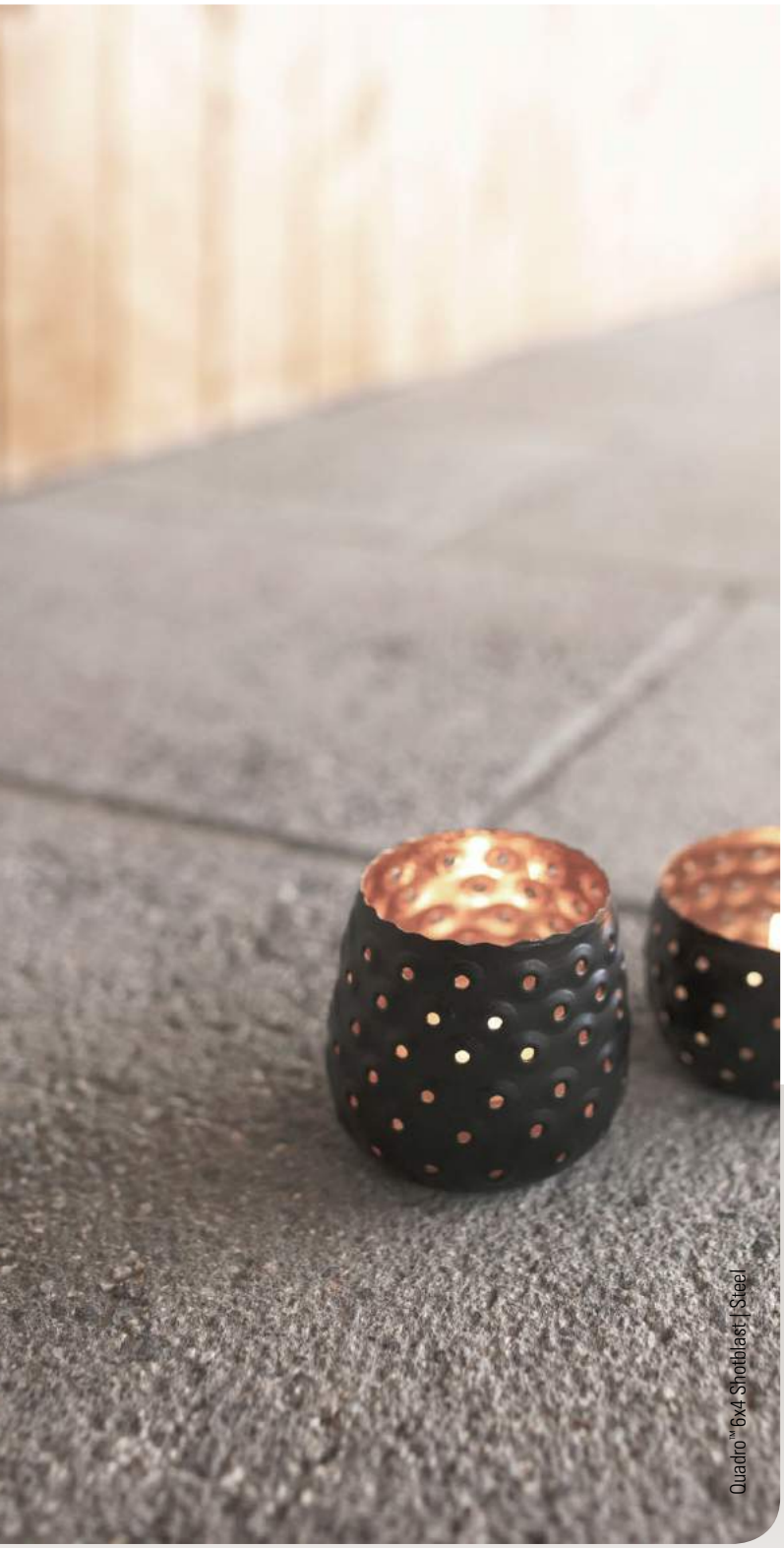
Quadro™ Shotblast

Our Quadro™ paver with a stunning Shotblast finish. The paver surface has been textured to expose the inner aggregates and add enviable aesthetics to any home.

RECOMMENDED FOR

Courtyards

Paths



Quadro™ 6x4 Shotblast | Steel

AVAILABLE SIZES

Quadro™ 50 Shotblast

6.25 units per m²

Quadro™ 6x4 Shotblast

4.15 units per m²

COLOUR OPTIONS

CHARCOAL

STEEL

OATMEAL

Whilst these swatches provide a good indication of the products colour, you should always sight product samples before use. Due to natural variations in aggregates, colours may vary.

Stradapave®

This popular concrete paver is great value, easy to lay and an ideal solution for paving patios, paths, entertaining areas and steps.

Stradapave® | Oatmeal

RECOMMENDED FOR

Courtyards | Paths | Steps | Driveway Safe*

*When laid onto a suitable base.

AVAILABLE SIZES

Stradapave® 50
11.10 units per m²

TASSIE PROUD ISLAND MADE

COLOUR OPTIONS

OATMEAL

SUNSTONE

CHARCOAL

Whilst these swatches provide a good indication of the products colour, you should always sight product samples before use. Due to natural variations in aggregates, colours may vary.

RECOMMENDED FOR

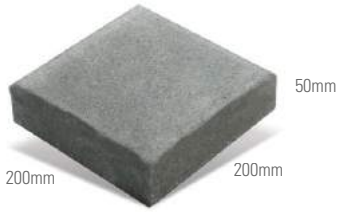
Courtyards | Paths | Driveway Safe

Carriageway

Carriageway is a driveway safe concrete paver with edges that look rumbled. Easy to use, these pavers take on a unique, aged appearance once laid.

Carriageway | Red Ochre/Sandstone

AVAILABLE SIZES



Carriageway
25 units per m²

TASSIE PROUD ISLAND MADE

COLOUR OPTIONS

MTO* -SANDSTONE

MTO* - CHARCOAL

Whilst these swatches provide a good indication of the products colour, you should always sight product samples before use. Due to natural variations in aggregates, colours may vary.

*MTO Colour - This is a made to order colour minimum quantities and lead times apply.

RECOMMENDED FOR

Courtyards

Paths

Havenpave® 40

This budget concrete paver is the ideal DIY solution for a variety of projects around your home.

Havenpave® | Oatmeal

AVAILABLE SIZES

Havenpave® 40
25 units per m²

COLOUR OPTIONS

OATMEAL

CHARCOAL

Whilst these swatches provide a good indication of the products colour, you should always sight product samples before use. Due to natural variations in aggregates, colours may vary.

RECOMMENDED FOR

Courtyards | Paths | Steps

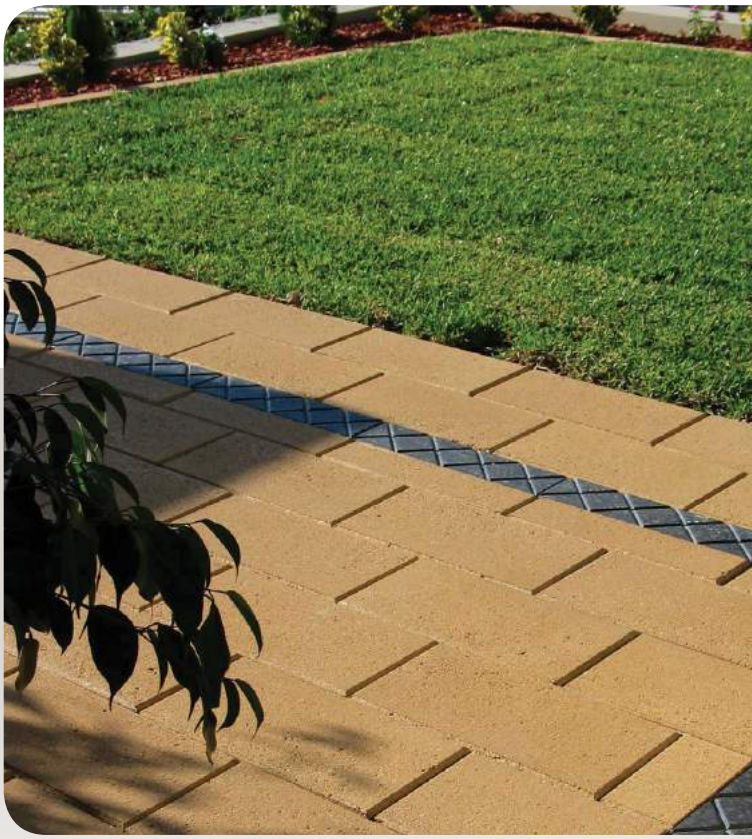
Havenslab®

Create eye catching patterns with this popular rectangular paving slab.

Havenslab® | Charcoal

AVAILABLE SIZES

Havenslab®
12.50 units per m²



COLOUR OPTIONS

OATMEAL

CHARCOAL

Whilst these swatches provide a good indication of the products colour, you should always sight product samples before use. Due to natural variations in aggregates, colours may vary.

Havenbrick®

This versatile concrete brick paver is suitable for home DIY projects including patios, garden paths and driveways.

Havenbrick® | Charcoal & Oatmeal

RECOMMENDED FOR

Courtyards | Paths | Driveway Safe*

*When laid onto a suitable base.

AVAILABLE SIZES

Havenbrick® 50
50 units per m²

TASSIE PROUD ISLAND MADE

COLOUR OPTIONS

OATMEAL

SUNSTONE

CHARCOAL

Whilst these swatches provide a good indication of the products colour, you should always sight product samples before use. Due to natural variations in aggregates, colours may vary.

RECOMMENDED FOR

Paths

Driveway Safe

Unipave® 50 / 80

Unipave® is a traditional interlocking paver you can use to complete your own home driveway and garden paths.

Unipave® | Terracotta

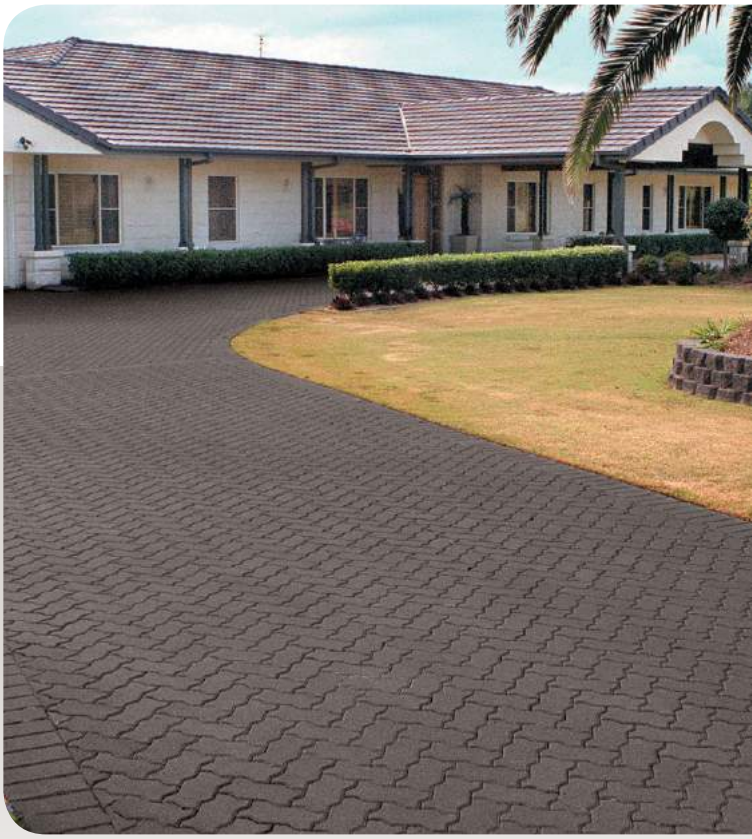
AVAILABLE SIZES

Unipave®

40 units per m²

This product is made to order, lead times apply.

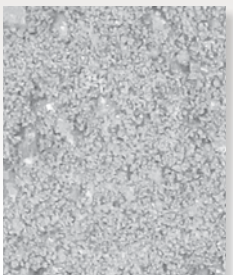
TASSIE PROUD ISLAND MADE



COLOUR OPTIONS

CHARCOAL

NATURAL



Whilst these swatches provide a good indication of the products colour, you should always sight product samples before use. Due to natural variations in aggregates, colours may vary.

RECOMMENDED FOR

Paths | Driveway Safe | Agricultural | Permeable

Turfgrid®

This land stabilisation paver is a simple solution to control soil erosion around your home. Strong and versatile, Turfgrid™ can also be used for agricultural and industrial applications, including cattle troughs, and is effective for driveways and garden paths where grass is often left muddy after rain.

AVAILABLE SIZES

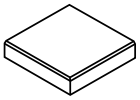
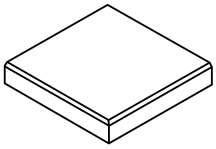
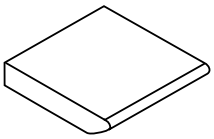
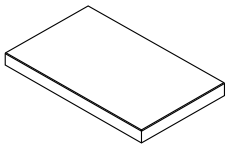
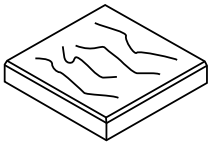
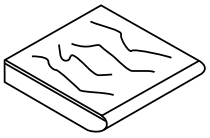
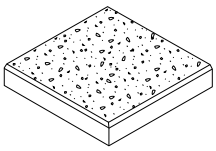
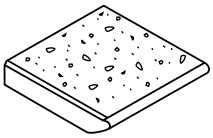
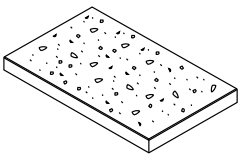
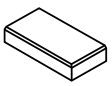
Turfgrid®
7.56 units per m²

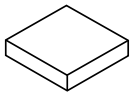
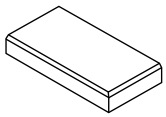
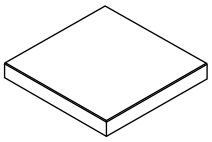
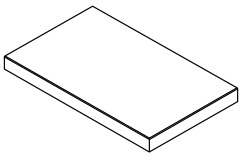
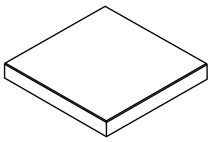
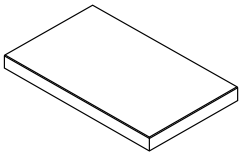
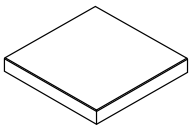
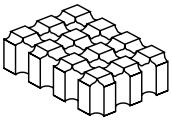
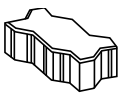
COLOUR OPTIONS

CHARCOAL

Whilst these swatches provide a good indication of the products colour, you should always sight product samples before use. Due to natural variations in aggregates, colours may vary.

PAVER RANGE

Products	Type	Size (mm) l x d x h	No. per m^2	No. per tonne	No. per pallet	Colours
	Carriageway	200 x 200 x 50	25	208	420	***MTO -** Charcoal ***MTO -** Sandstone
	Euro® Classic	400 x 400 x 40	6.25	73	108	Athens Cyprus Prague Vienna
	Euro® Classic Sharknose	400 x 400 x 40	2.5 L/m	71	108	
	Euro® Classic 600x400	600 x 400 x 40	4.15	45	72	Prague Vienna
	Euro® Slate	400 x 400 x 40	6.25	73	108	Athens Prague
	Euro® Slate Sharknose	400 x 400 x 40	2.5 L/m	69	108	
	Euro® Stone	400 x 400 x 40	6.25	73	108	Prague Riverina Zurich
	Euro® Stone Sharknose	400 x 400 x 40	2.5 L/m	73	108	
	Euro® Stone 600x400	600 x 400 x 40	4.15	45	72	Prague Zurich
	Havenbrick®	200 x 100 x 50	50	427	660	Charcoal Oatmeal Sunstone

Products	Type	Size (mm) l x d x h	No. per m^2	No. per tonne	No. per pallet	Colours
	Havenpave® 40	200 x 200 x 40	25	276	432	Charcoal Oatmeal
	Havenslab®	400 x 200 x 40	12.5	126	216	Oatmeal Charcoal
	Quadro™ 50	400 x 400 x 50	6.25	74	99	Charcoal Sunstone Oatmeal Steel
	Quadro™ 6x4	600 x 400 x 50	4.1	45	72	
	Quadro® 50 Shotblast	400 x 400 x 50	6.25	74	99	Charcoal Steel Oatmeal
	Quadro® 6x4 Shotblast	600 x 400 x 50	4.1	45	72	
	Stradapave®	300 x 300 x 50	11.1	97	168	Charcoal Oatmeal Sunstone
	Turfgrid®	420 x 315 x 95	7.5	55	96	Charcoal
	Unipave® 50	225 x 112.5 x 50	40	357	700	Charcoal Natural
	Unipave® 80	225 x 112.5 x 80	40	215	500	

PAVER INSTALLATION GUIDE

Adbri Masonry Pavers can be laid by two methods; Rigid Installation (with a concrete basecourse) or Flexible Installation (a granular basecourse). Properly constructed rigid pavements can be more stable where soil conditions are poor, (e.g. reactive or poorly drained clay).

Drainage is most important for a successful paving project. Care must be taken to grade the basecourse and the finished pavement level at a minimum gradient of 2% (or 100mm per 5.0 lineal metres). Refer to the CMAA's PA05 document for further drainage details.

The laying of pavers on a sand bed on a concrete slab is not addressed in this brochure. It can be done, but efflorescence staining can occur on pavers laid in this manner if there is inadequate drainage of the concrete slab.

For further information please refer to: Adbri Masonry Paving Installation Guide at adbrimasonry.com.au and Concrete Masonry Association of Australia (CMAA) Guidelines at www.cmaa.com.au:- PA02 Concrete Segmental Pavements - Design Guide for Residential Accessways and Roads, PA05 Concrete Flag Pavements - Design and Construction Guide.

Note: The following is a guide only and in no way replaces the services of a professional design consultant.

FLEXIBLE INSTALLATION

Step 1. Excavation: Excavate your area to allow for a granular* basecourse, (75mm for pedestrian traffic and 175mm for driveways after compaction), plus 20-25mm of washed coarse bedding sand plus the thickness of the paver.

Note: Pavers for driveways should be at least 50mm thick.
**Class A road-base or 20mm graded crushed rock are suitable materials.*

Step 2. Compact the Basecourse: Place the granular basecourse to the desired depth and compact using a vibrating plate machine. Ensure your basecourse is firm and of uniform thickness. If the area needs to be built up then do so in compacted 75mm layers. Up to 5% of cement can be blended in to the granular basecourse for more stability if required.

Step 3. Bedding Course: Spread clean coarse bedding sand over the compacted basecourse to a depth of 20-25mm and screed to a flat even surface.

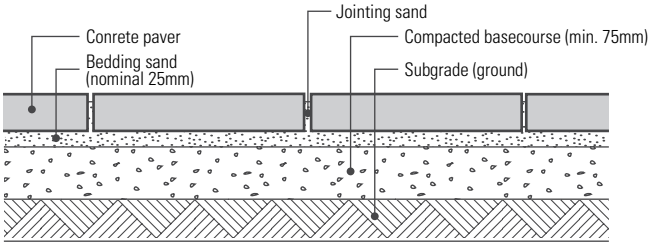
Step 4. Lay the Pavers: Begin laying pavers from one corner, utilising a string line to keep the lines straight. Don't walk on the sand, walk on the pavers already laid.

Step 5. Edging: Edge restraints are essential to prevent lateral movement of the paved area and must be installed prior to the application of the jointing sand. Refer to the Edging section for details.

Step 6. Joints: Adbri Masonry pavers in this application should be laid with a 3 - 5mm gap. Fill this joint with a fine washed sand or specialised jointing sand as the paving proceeds. This will minimise movement in the pavers when compacting.

Step 7. Final Compaction: To compact the pavers place a flat heavy board across the pavers and hit with a rubber mallet. For pavers of 50mm depth or greater, a vibrating plate machine should be used for the best results (more jointing sand should be added as pavers are compacted). It is recommended a piece of carpet be placed under the plate to protect the pavers from chipping.

Flexible Installation



Typical Cross Section

RIGID INSTALLATION

Step 1. Excavation: Excavate your area to allow for a 75mm thick, (or 100mm for a driveway) concrete slab, (rough screeded 20MPa grade with SL82 reinforcement at 30mm and contraction joints at 3 metre centres), plus 15-25mm of mortar plus the thickness of the paver.

Note: Pavers for driveways should be at least 50mm thick. The concrete should be wet cured for at least 7 days before laying.100mm driveway slab is only applicable for vehicles <1.5tonne. Any vehicle loads exceeding this will require an independent slab design to be completed.

Step 2. Apply the Bond Coat: Prepare a cement slurry by mixing 6 parts fine washed sand to 1 part cement. Apply a thin coat (about 1mm) to the working area of the slab with a broom and to the underside of each Adbri Masonry paver just prior to laying.

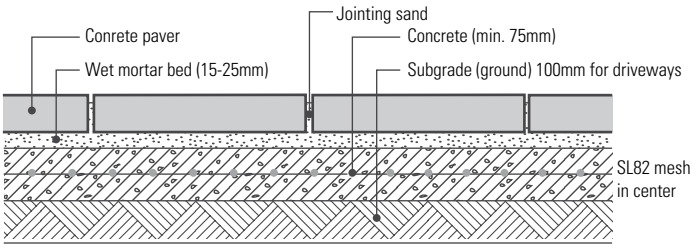
Step 3. Lay the Pavers: Using a string line to keep the lines straight, lay the pavers on a wet mortar bed of 15-25mm thickness. Mortar should be mixed at a ratio of 3 parts washed concrete sand to 1 part cement. Do not make the mortar too wet. The mortar should be stiff enough to make a fist sized ball which holds its shape. Pavers should be laid to form a smooth finished surface by using a level and lightly tapping with a rubber mallet.

Note: Do not add extra water to retemper any stiffening mortar. Make a fresh batch instead; enough to last 30 - 45 minutes laying.

Step 4. Joints: Adbri Masonry pavers should be laid with a 3mm-10mm joint between the units. Joints 3mm-5mm in width shall be filled with a jointing sand. For wider joints, it is recommended that a non shrink grout be used.

Notes: Do not bridge pavers over the contraction joints in the concrete. Pavers must be cut and the joints filled with a flexible compound as per Engineers specifications. If any mortar is spilled on the pavers during installation remove immediately using a clean sponge and water. Do not traffic finished pavement for 72 hours.

Rigid Installation



Typical Cross Section

PAVER CUTTING

You will generally find that some cutting of pavers will be required to fit into specific areas.
An angle grinder with a masonry blade is suitable for good results. On jobs where a high number of cuts are required or the paving units are large, it is easier to hire a brick saw with a diamond blade - remember ear muffs, eye protection and a mask.

EDGING

It is important to have a good edge restraint to stop the pavers from spreading and to ensure that the bedding sand is not washed away. Here are two general techniques:

By embedding a paver on edge in concrete

By embedding the outside paver in concrete to approximately half the height of the paver and back filling with suitable garden material

SWIMMING POOLS

> Adbri Masonry pavers meet Australian slip resistant standards, making them ideal for swimming pool surrounds. Only Euro® range pavers are suitable for use around pools.

> Adbri Masonry pavers while being strong and durable have a soft feel, making them comfortable under bare feet or for sitting along pool edges.

> Adbri Masonry manufacture some pavers specifically for salt resistant applications, necessary for around salt chlorinated swimming pools. This range varies between States so please consult your local Adbri Masonry distributor or Adbri Masonry product guide for specific localised advice.

> Adbri Masonry recommend sealing pavers likely to be subjected to salt attack.

MAINTENANCE

Pavers will require some ongoing maintenance to keep them looking in pristine condition. Dirt, dust and weeds should regularly be removed and ants should not be allowed to nest in the base materials.

SEALING

Sealing your pavers can assist to prevent staining and make cleaning easier, faster and cheaper. Sealing also helps to protect your long-term investment and minimise the effects of the elements, i.e. rain, snow, ice, and UV rays. For more information on choosing the right sealer for your pavers, visit our website www.abrimasonry.com.au

EFFLORESCENCE

Efflorescence is a naturally occuring by-product of the concrete masonry manufacturing process. Paving that is regularly exposed to a damp environment will prolong the chemical reatction that causes efforescence, making the appearance of the efflorescence worse. Although efflorescence can never fully be avoided, there are some tips to help you minize the likelihood of it affecting your project.

How many pavers will you need? Using the helpful diagrams below, measure the desired space you would like to pave. This will give you a total square meter figure (Length(m) x width (m) = area (m^2).
TIP: You can check out the paving calculator at www.adbrimasonry.com.au/calculator to see how many pavers you will need for your area.

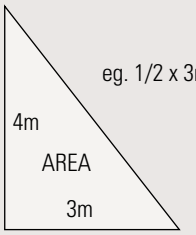
For rectangular areas

base(m) x height(m) = area(m^2)

eg. 3m x 5m = 15m^2

For triangular areas

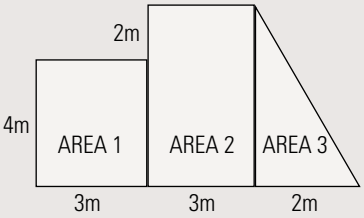
1/2 x base(m) x height(m) = area(m^2)



eg. 1/2 x 3m x 4m = 6m^2

For odd shaped areas - break into sections

Area 1: 4m x 3m = 12m^2
Area 2: 6m x 3m = 18m^2
Area 3: 1/2m x 6m x 2m = 6m^2
Total area to be paved = 36m^2



FOR BEST RESULTS

- Minimise moisture in your pavement by using clean, dry, bedding sand that is fully drained to prevent moisture from being trapped in the bedding layer.
- Avoid using crusher dust or other uncontrolled materials in your bedding layer and always follow Adbri's installation guides.
- Always use a suitable graded fine jointing sand between the paving units to minimize moisture ingress.
- Sweep your pavers regularly to keep away debris.

For in-depth paving advice, tips and hints please visiot our DIY center at **adbrimasonry.com.au/diy** or download the CMAA Paving Mainenance Guide from **cmaa.com.au**

DIY with Adbri

1 CHOOSE PRODUCT

Select a paver by browsing through this catalogue or searching online at adbrimasonry.com.au

2 CALCULATE QUANTITY

Calculate the amount of pavers you require with our easy online calculator. Visit adbrimasonry.com.au

JASON'S TIP

Order 5% more for every paving project to account for cuts and breakages.

4 Simple Steps ...

3 SELECT LAYING PATTERN

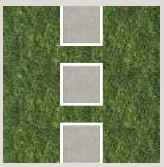
SQUARE PAVERS

Stackbond

Stretcherbond

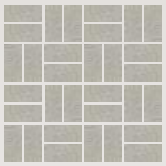
45° Stackbond

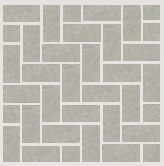
45° Stackbond with header course


Step Stones

RECTANGULAR PAVERS

Stretcherbond


Basketweave


Herringbone

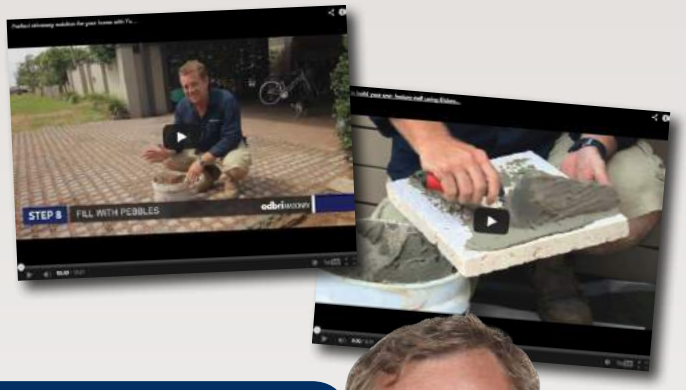
45° Stretcher with header course

45° Herringbone with header course

4 LAY YOUR PAVERS

STEP BY STEP VIDEO GUIDES

For a complete step by step set of laying instructions including pdf download and DIY videos visit our website at **adbrimasonry.com.au/diy**



For DIY videos, hint and tips as well as more inspirational galleries visit **adbrimasonry.com.au**

Let's do a project today!

BRICKS | BESSER® BLOCKS | PAVERS | RETAINING WALLS

Contact Us

adbrimasonry.com.au **1300 365 565** enquiries@adbri.com.au

Free pallet collection service freecall 1800 674 961 or drop pallets back to place of purchase or lodge your pallet pick up online at adbrimasonry.com.au

Pallets remain Adbri Masonry property. Please telephone us for collection of pallets and keep pallets empty and stacked in a safe and accessible area for collection.

Follow us on Social Media

AdbriMasonryAus
AdbriMasonryAus
Adbrimasonry
Adbrimasonry
AdbriMasonryAus

Paving Landscape Solutions
TAS - September 2019
ABM4045

Adbri Masonry Pty Ltd
ABN: 31 009 687 521

Euro®, Havenslab®, Havenpave®, Turfgrid™, Unipave® and the Adbri Masonry logo are registered trademarks of Adbri Masonry Pty Ltd.

adbri MASONRY
working together