adbri MASONRY

an ADBRI company

LANDSCAPE SOLUTIONS

AUSTRALIA'S LEADING MASONRY MANUFACTURER

From the front driveway to the backyard entertaining area, Adbri has a paver for every application.

This selection guide contains information and inspiration to help you choose the best product for your paving project.

Paving is the foundation of an outdoor space and can be used to extend family living areas by creating new outdoor rooms, linking your home together with paths, reclaiming unused land with stepping stones and to build driveways that will leave a lasting first impression of your home.

Enhance your home with a paving solution from Adbri Masonry.
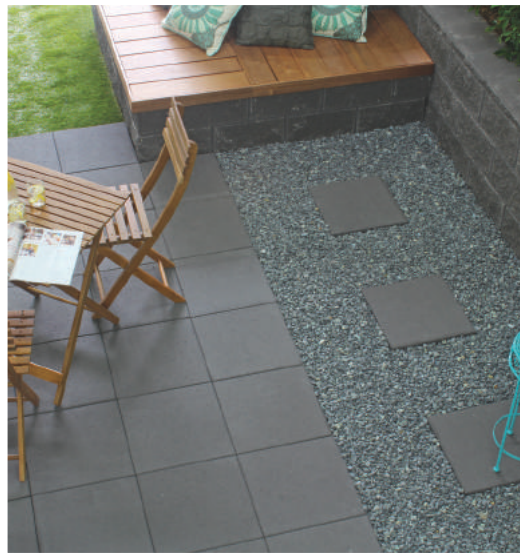
JASON HODGES
LANDSCAPING EXPERT

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"
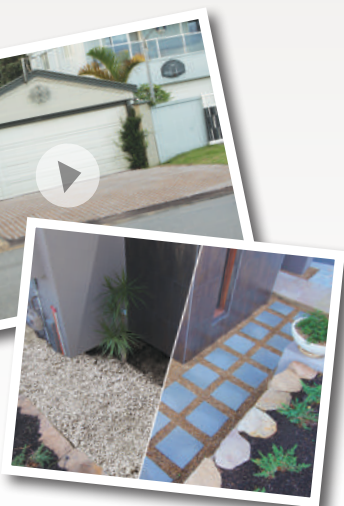
Add life to unused spaces
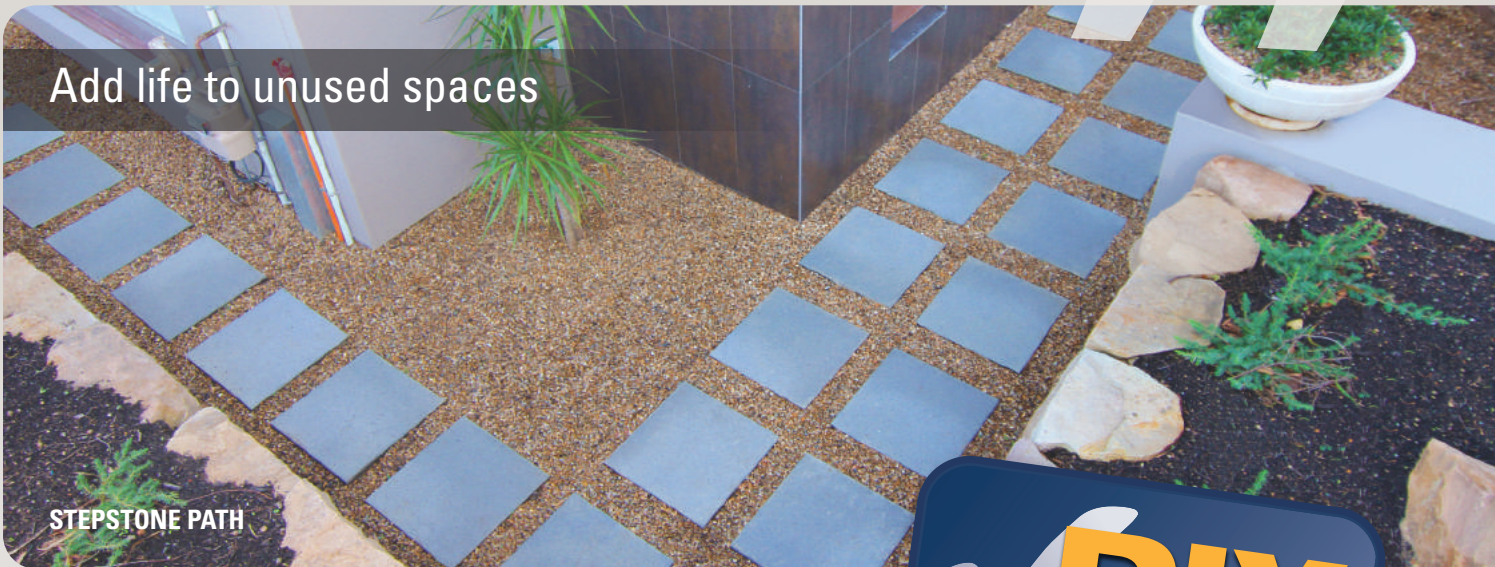
STEPSTONE PATH

Extend your living space with a new outdoor room

PAVED COURTYARD

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 surface 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

Courtyards Paths Steps Pool Surrounds Driveway Safe*

*When laid onto a suitable concrete base.

AVAILABLE SIZES

40mm
400mm
400mm

Euro® Stone
6.25 units per m²

40mm
400mm
400mm

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

40mm
600mm
400mm

Euro® Stone 600x400
4.16 units per m²
600X400 SIZE IS ONLY AVAILABLE IN THE PRAGUE AND ZURICH COLOURS

Euro® Stone | mixed colours & sizes

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.
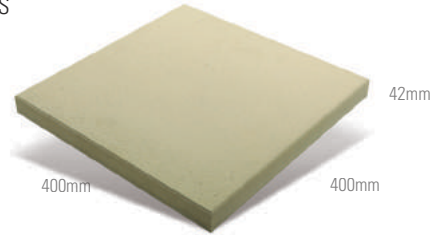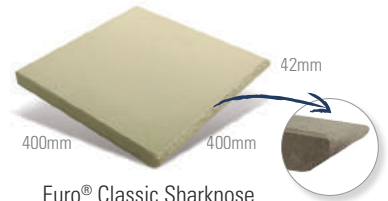
Courtyards

Paths

Steps

Pool Surrounds

Driveway Safe*

*When laid onto a suitable concrete base.
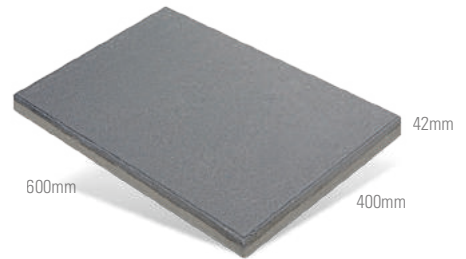
AVAILABLE SIZES

42mm
400mm
400mm

Euro® Classic
6.25 units per m²

42mm
400mm
400mm

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

42mm
600mm
400mm

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

Euro® Classic | Cyprus

COLOUR OPTIONS

CYPRUS*

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.

*600 x 400 only available in Cyprus and Prague

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.
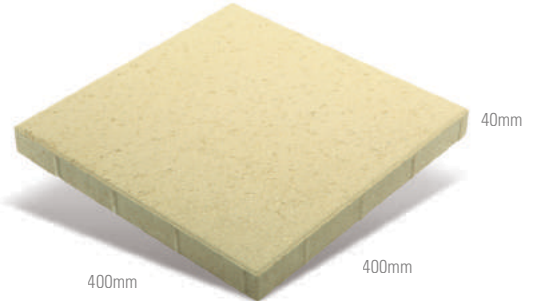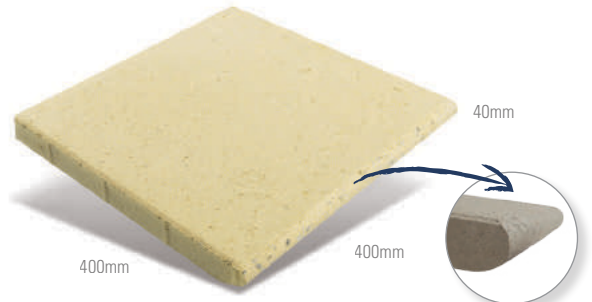
AVAILABLE SIZES

40mm

400mm

400mm

Quadro™
6.25 units per m²

40mm

400mm

400mm

Quadro™ Bullnose
2.50 units per lineal metre
*This product is made to order, min. quantities and lead times apply.
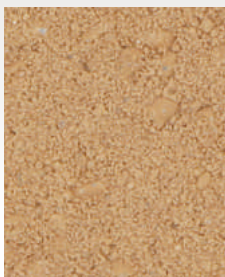
Quadro™ | Charcoal

COLOUR OPTIONS   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.
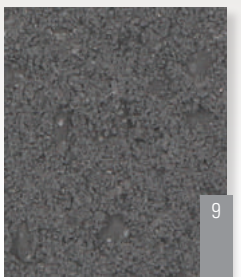
OATMEAL   SUNSTONE   TERRACOTTA   FOSSIL   CHARCOAL

Stradapave®

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

Courtyards   Paths   Steps   Driveway Safe*

Stradapave® 50mm only

AVAILABLE SIZES

40mm
300mm
300mm

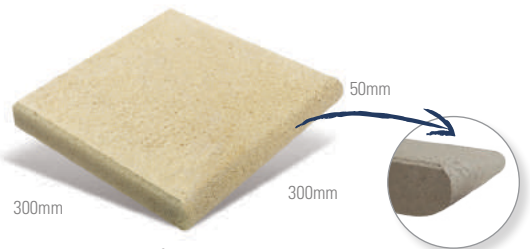**Stradapave® 40**
11.1 units per m²

50mm
300mm
300mm

Stradapave® 50
11.1 units per m²

50mm
300mm
300mm

Stradapave® 50 Bullnose
For steps
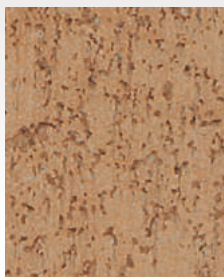3.3 units per lineal metre

Stradapave® | Oatmeal

COLOUR OPTIONS   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.

OATMEAL

SALMON

SUNSTONE

CHARCOAL

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Boulevard®

A large paving slab with a traditional smooth, pressed surface, this classic paver is ideal for DIY projects and suitable for alfresco and entertaining areas.

AVAILABLE SIZES

40mm

600mm

300mm

Boulevard®
5.55 units per m²

Boulevard® | Sunstone

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.
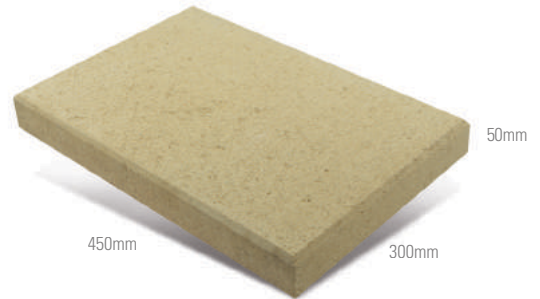
Stradascape®

This large paving slab with a unique rectangular size is easy to lay and can be used to create appealing patterns in the paved areas around your home.
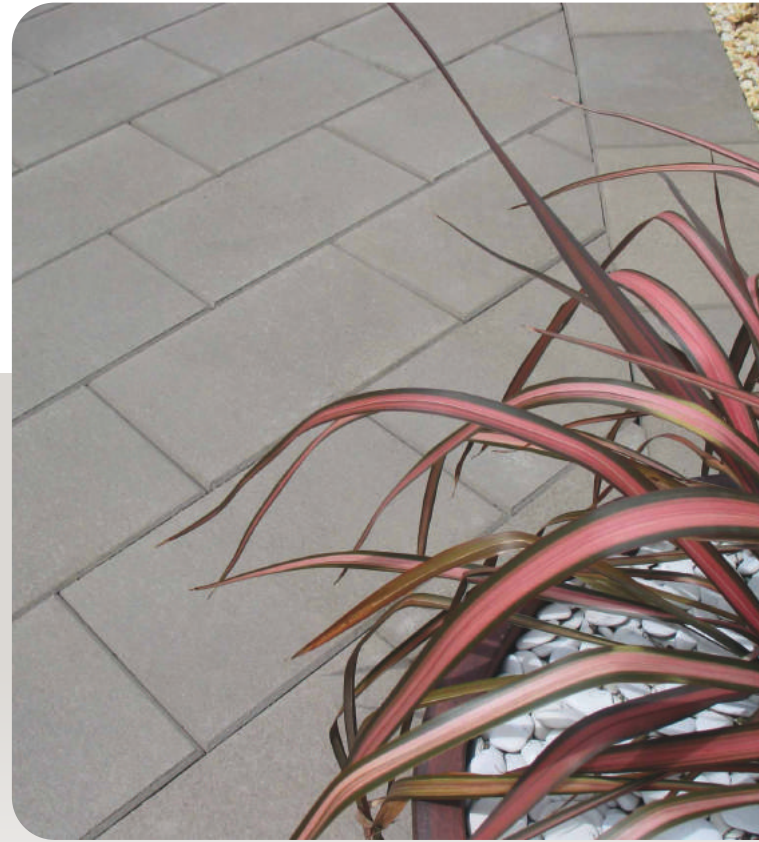
AVAILABLE SIZES

50mm
450mm
300mm

Stradascape®
7.4 units per m²

Stradascape® | Oatmeal

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.

Havenslab®

Create eye catching patterns with this popular rectangular paving slab.

AVAILABLE SIZES

50mm
400mm
200mm

Havenslab®
12.5 units per m²

Havenslab® | Charcoal

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.

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Courtyards   Paths   Driveway Safe

Havenbrick®

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

AVAILABLE SIZES

200mm
50mm
100mm

Havenbrick®
50 units per m²

Havenbrick® — Charcoal & Oatmeal

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.
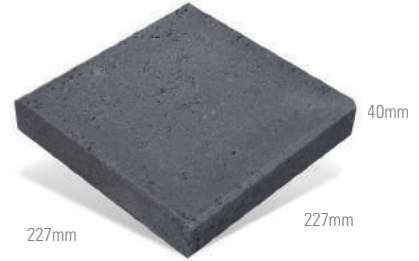
Flagstone

This small square budget paver is a neat and simple solution for DIY paving projects.

AVAILABLE SIZES

40mm

227mm

227mm

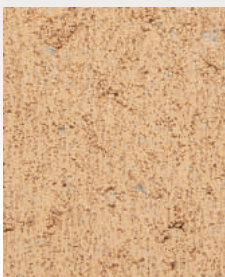Flagstone
19.4 units per m²

Flagstone | Oatmeal

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.

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.
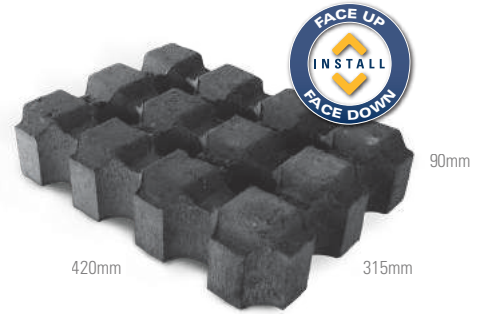
AVAILABLE SIZES

90mm

420mm   315mm

Turfgrid™
7.56 units per m²

Turfgrid™ | Charcoal
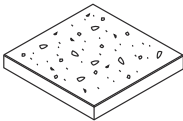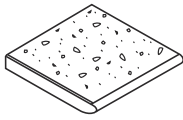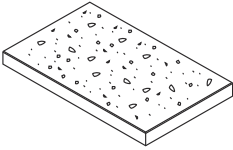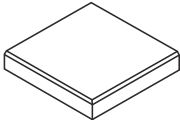
COLOUR OPTIONS

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

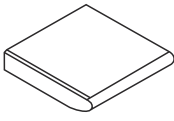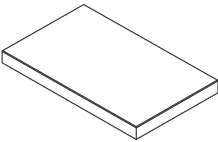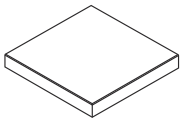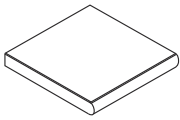| Products	Type	Size (mm) l x d x h	No. per m²	No. per tonne	No. per pallet	Colours
	Euro® Stone	400 x 400 x 40	6.25	73	108	
	Euro® Stone Sharknose	400 x 400 x 40	2.50 L/m	69	108	Prague Riverina Zurich
	Euro® Stone 600x400	600 x 400 x 40	4.10	49	72	Prague Zurich
	Euro® Classic	400 x 400 x 42	6.25	73	108	
	Euro® Classic Sharknose	400 x 400 x 42	2.5 L/m	69	108	Athens Cyprus Prague
	Euro® Classic 600x400	600 x 400 x 42	4.10	49	72	Prague Cyprus
	Quadro™ 40	400 x 400 x 40	6.25	75	117	
	Quadro™ 40 Bullnose	400 x 400 x 40	2.5 L/m	75	117	Charcoal Fossil Oatmeal Sunstone Terracotta
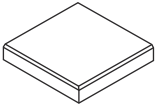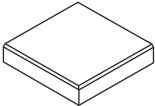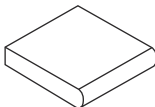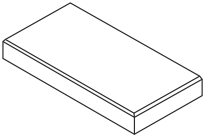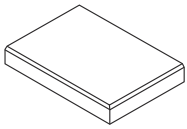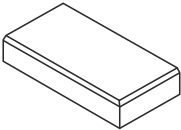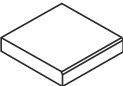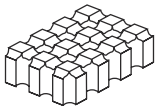
PAVER CARE

PAVING ADVICE

For in depth paving advice, tips and hints please visit our DIY centre at adbrimasonry.com.au/diy or download the CMAA Paving Maintenance Guide from cmaa.com.au.

SEALING

If the pavers are to be used around a swimming pool, or exposed to salt water then Adbri Masonry strongly recommend sealing your paving.
We recommend you do this for aesthetic and maintenance purposes, not for structural reasons.

Products	Type	Size (mm) l x d x h	No. per m²	No. per tonne	No. per pallet	Colours
	Stradapave® 40	300 x 300 x 40	11.1	126	192	
	Stradapave® 50	300 x 300 x 50	11.1	105	192	Oatmeal Salmon Sunstone Charcoal
	Stradapave® 50 Bullnose*	300 x 300 x 50	3.3 L/m	106	192	
	Boulevard®	600 x 300 x 40	5.55	52	88	Oatmeal Charcoal
	Stradascape®	450 x 300 x 50	7.4	68	120	Oatmeal Charcoal
	Havenslab®	400 x 200 x 50	12.5	126	216	Oatmeal Sunstone Charcoal
	Havenbrick®	200 x 100 x 50	50	474	864	Oatmeal Sunstone Charcoal
	Flagstone	227 x 227 x 40	19.4	217	400	Oatmeal Sunstone Charcoal
	Turfgrid™	420 x 315 x 90	7.56	61	99	Charcoal

MAINTENANCE

Pavers will require some ongoing maintenance to keep in a pristine condition. Dirt, dust and leaves should regularly be removed whilst any weed growth should be sprayed and controlled.

CLEANING

All pavers will require cleaning from time to time. Oil, rust, efflorescence and other stains can detract from the appearance of the paver. Proprietary cleaning products for concrete pavers (and retaining walls) are readily available.

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
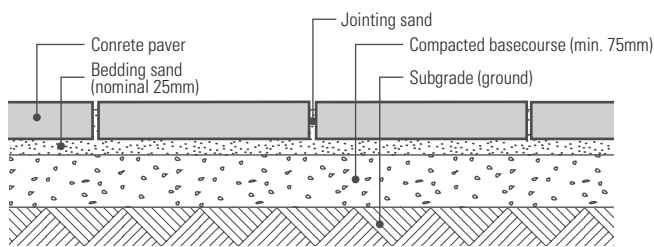
Typical Cross Section

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
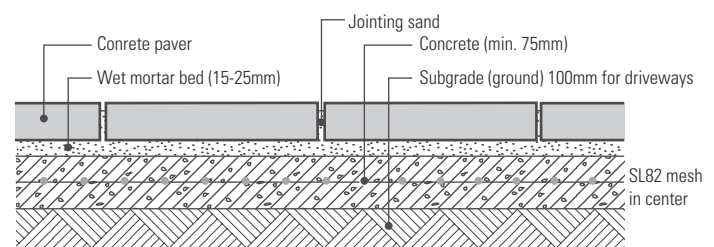
Typical Cross Section

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.

> 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 looking in a pristine condition. Dirt and dust should regularly be removed whilst any weed growth should be sprayed and controlled. Ants should not be allowed to nest in base materials.

CLEANING

All pavers will require cleaning from time to time. Oil, rust, efflorescence and other stains can detract from the appearance of the paver. Proprietary cleaning products for concrete pavers (and retaining walls) are readily available. Please contact your local distributor or Adbri Masonry for further information. Do not use Hydrochloric Acid.

SEALING

If a more protective surface is required then Adbri Masonry suggest you seal your paving.
There are a number of sealers specifically for concrete paving so please contact your local distributor or Adbri Masonry for further information.
Note: All coloured product should be ordered at the one time to reduce the risk of batch variation.
No claims will be accepted once product has been installed.

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.
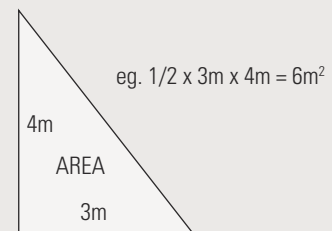
For rectangular areas

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

3m   AREA
         5m

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

4m
AREA
   3m

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

2m

4m
AREA 1   AREA 2   AREA 3
3m   3m   2m
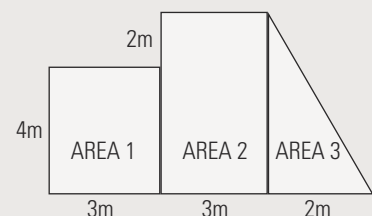
DIY with Adbri

1 CHOOSE PRODUCT

2 CALCULATE QUANTITY

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

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.

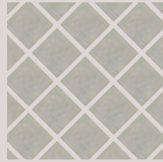# 4 Simple Steps...

3 SELECT LAYING PATTERN

SQUARE PAVERS

Stackbond

Stretcherbond

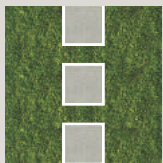45° Stackbond

45° Stackbond with header course

Step Stones

RECTANGULAR PAVERS

Stretcherbond

Basketweave

Herringbone
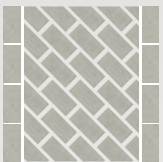
45° Stretcher with header course
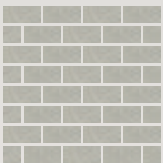
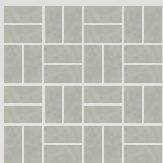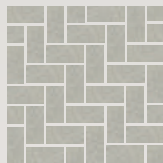45° Herringbone with header course

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!

DIY WITH ADBRI

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