adbri MASONRY

inspired living

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 has over 20 years experience as a landscaper and more recently, an international 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

COURTYARD

✓ DIY
WITH ADBRI

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

Euro® Stone

Euro® Stone is a premium large format paver available in two sizes which features a highly detailed, exposed aggregate surface texture that compliments every landscape environment.

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

Jason Hodges | Landscaping Expert

Euro® Stone | Prague

AVAILABLE SIZES

40mm
400mm
400mm

Euro® Stone
6.25 units per m²

40mm
400mm
400mm

Euro® Stone Sharknose
2.50 units per lineal metre

40mm
600mm
400mm

Euro® Stone
4.16 units per m²

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

Euro® Stone | Zurich

For more inspirational imagery scan the QR code or visit
adbrimasonry.com.au

COLOUR OPTIONS

CYPRUS

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 available in Zurich & Prague only

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Euro® Classic

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

*When laid onto a suitable concrete base.

AVAILABLE SIZES

40mm
400mm
400mm

Euro® Classic
6.25 units per m²

40mm
400mm
400mm
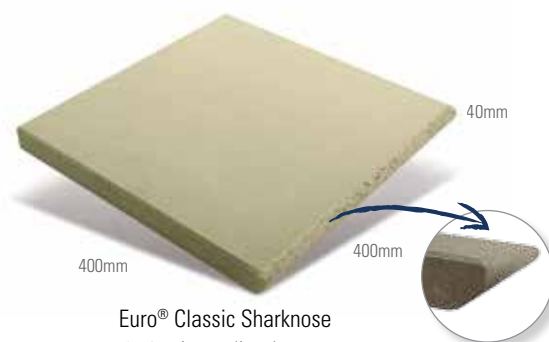
Euro® Classic Sharknose
2.50 units per lineal metre

Euro® Classic | Athens

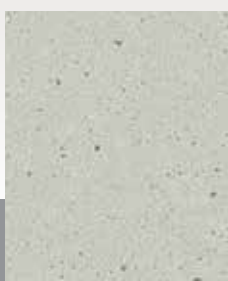*For more inspirational imagery scan the QR code or visit*
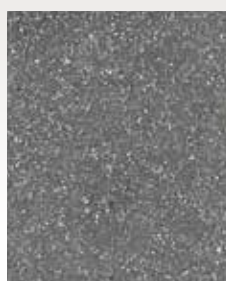**adbrimasonry.com.au**

COLOUR OPTIONS

CYPRUS | ATHENS | LONDON | 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.

6

Euro® Slate

AVAILABLE SIZES

40mm
400mm
400mm

Euro® Slate
6.25 units per m²

40mm
400mm
400mm
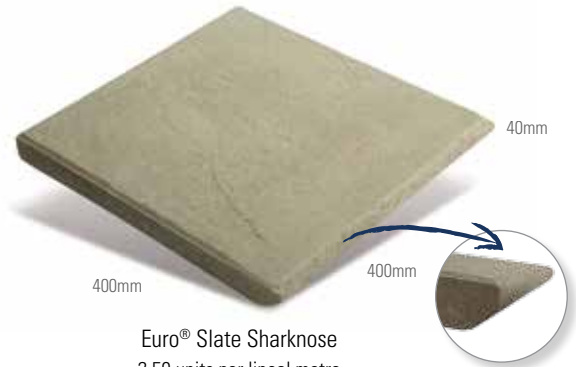
Euro® Slate Sharknose
2.50 units per lineal metre

Euro® Slate | Athens

For more inspirational imagery
scan the QR code or visit
adbrimasonry.com.au

COLOUR OPTIONS

CYPRUS

ATHENS

LONDON

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 multi-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 with contemporary aesthetics.
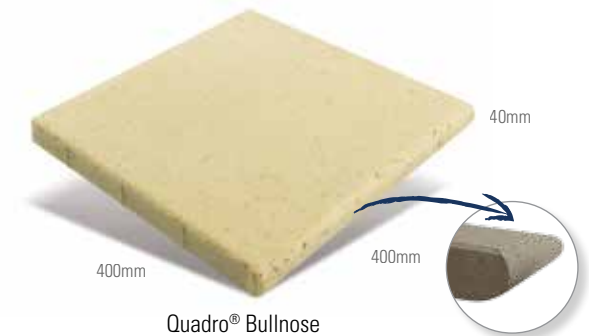
Quadro® | Charcoal

AVAILABLE SIZES

40mm

400mm

400mm

Quadro®
6.25 units per m²

40mm

400mm

400mm

Quadro® Bullnose
2.50 units per lineal metre
MADE TO ORDER

Quadro® | Oatmeal

*For more inspirational imagery
scan the QR code or visit*
adbrimasonry.com.au

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®

AVAILABLE SIZES

50mm

300mm

300mm

Stradapave® 50
11.10 units per m²

Stradapave® | Oatmeal

For more inspirational imagery
scan the QR code or visit
adbrimasonry.com.au

COLOUR OPTIONS

OATMEAL

SUNSTONE

CHARCOAL

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

Havenslab®

AVAILABLE SIZES

50mm

400mm

200mm

Havenslab®
12.50 units per m²

Havenslab® | Charcoal

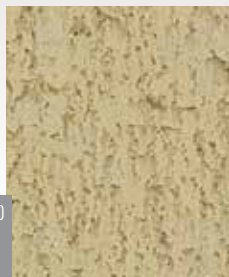*For more inspirational imagery
scan the QR code or visit*
adbrimasonry.com.au

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.

Havenbrick®

AVAILABLE SIZES

50mm
200mm
100mm

Havenbrick®
50 units per m²

Havenbrick® | Charcoal & Oatmeal

For more inspirational imagery
scan the QR code or visit
adbrimasonry.com.au

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.

Havenpave®

AVAILABLE SIZES

50mm

200mm

200mm

Havenpave®
25 units per m²

Havenpave® | Charcoal

For more inspirational imagery scan the QR code or visit **adbrimasonry.com.au**

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.

Turfstone®

AVAILABLE SIZES

90mm

390mm

290mm

Turfstone®
9 units per m²

Turfstone® | Natural
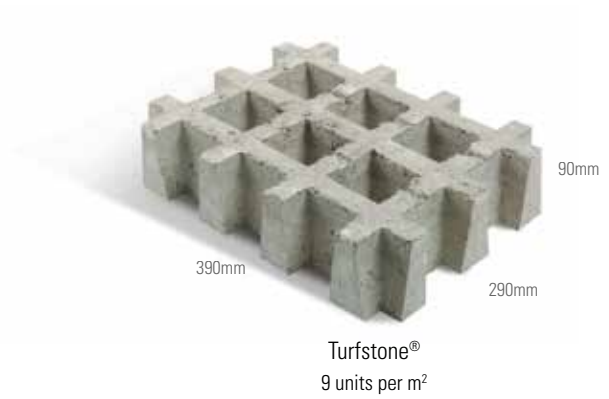
For more inspirational imagery scan the QR code or visit **adbrimasonry.com.au**

COLOUR OPTIONS

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.
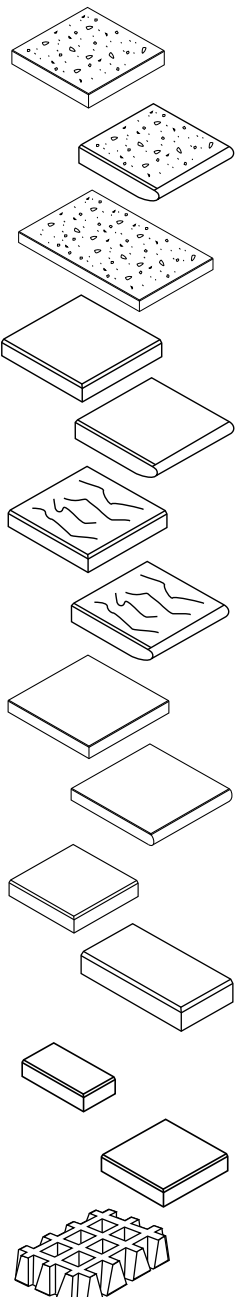
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PAVER RANGE

Products	Type	Size (mm) w x h x d	No. per m²	Approx. Unit Weight (kg)	No. per pallet	Colours
	Euro® Stone	400 x 400 x 40	6.25	15.00	108	Cyprus Prague Riverina Zurich
	Euro® Stone Sharknose	400 x 400 x 40	2.50 L/m	15.00	108	
	Euro® Stone	600 x 400 x 40	4.16	20.35	72	Prague Zurich
	Euro® Classic	400 x 400 x 40	6.25	14.70	108	Athens Cyprus London Prague
	Euro® Classic Sharknose	400 x 400 x 40	2.50 L/m	14.50	108	
	Euro® Slate	400 x 400 x 40	6.25	14.70	108	Athens Cyprus London Prague
	Euro® Slate Sharknose	400 x 400 x 40	2.50 L/m	14.50	108	
	Quadro® 40 Smooth	400 x 400 x 40	6.25	14.04	117	Charcoal Fossil Oatmeal Sunstone Terracotta
	Quadro® 40 Bullnose (Made to Order)	400 x 400 x 40	2.50 L/m	14.04	117	
	Stradapave® 50	300 x 300 x 50	11.10	9.20	160	Oatmeal Sunstone Charcoal
	Havenslab®	400 x 200 x 50	12.5	8.65	180	Oatmeal Sunstone Charcoal
	Havenbrick®	200 x 100 x 50	50	2.10	726	Charcoal Oatmeal Sunstone
	Havenpave®	200 x 200 x 50	25	4.10	360	Charcoal Oatmeal Sunstone
	Turfstone®	390 x 290 x 90	9	13.07	96	Natural

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.

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.

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.

SEALING

If the pavers are to 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.

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 MA44 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:- T45 Concrete Segmental Pavements - Design Guide for Residential Accessways and Roads, MA44 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 100mm 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 25 - 35mm 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 - 4mm 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
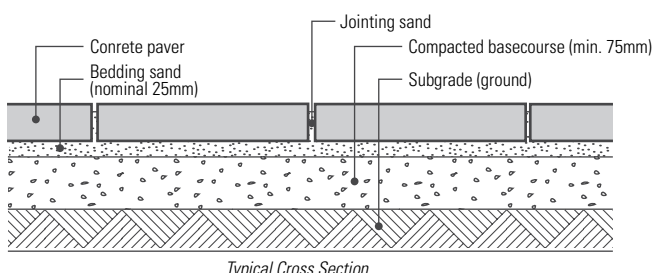
Typical Cross Section

RIGID INSTALLATION (recommended for all Atenstone® installations)

Step 1. Excavation: Excavate your area to allow for a 75mm thick, (or 100mm for a driveway) concrete slab, (rough screeded 20MPa grade with SL62 reinforcement at mid-depth 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.

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 can be laid butt-jointed, however a fine washed sand or specialised pavement sand is recommended to fill any small gaps. For wider joints, (e.g. >4mm) a non-shrink grout may be used, but be careful not to smear any on the pavers. If any does get on wash off quickly with water and a clean sponge.
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
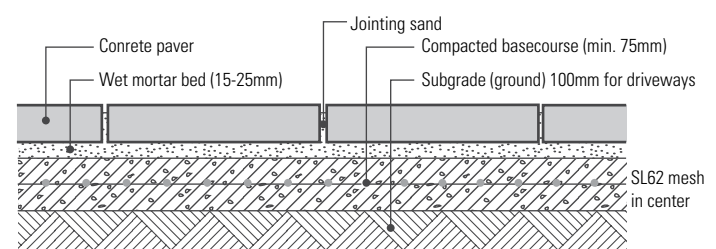
Typical Cross Section

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.
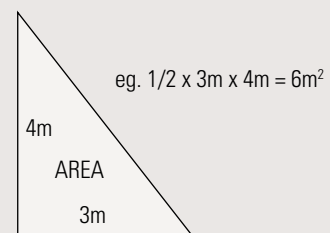
For rectangular areas

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
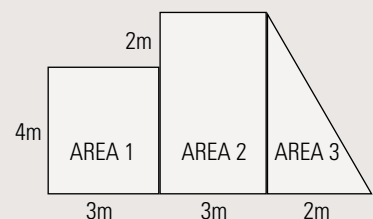
DIY with Adbri

① CHOOSE PRODUCT

Select a paver by browsing through this catalogue or scanning the QR code and 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 or scan the QR code above.

JASON'S TIP

Order 10% more for every paving project to account for cuts/breakages.

4 Simple Steps ...

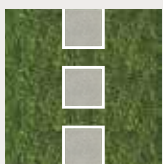## 3 SELECT LAYING PATTERN

SQUARE PAVERS
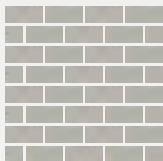
Stackbond

Stretcherbond

45° Stackbond

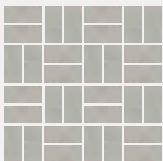45° Stackbond
with header course

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!

✓ DIY WITH ADBRI

Other Adbri Masonry Home Solutions

*Landscape Solutions
Sth QLD Retaining Wall*

*Anchor Segmental
Retaining Wall Systems*

Natural Impressions Flyer

Pick up your copy in store or download from adbrimasonry.com.au/brochures

Contact Us

adbrimasonry.com.au

1300 365 565

enquiries@adbri.com.au

We will not accept any returns or claims more than 7 days after delivery or after products have been installed. We will not accept returns unless transport arrangements have been agreed and the products are in 'as received' condition and accessible for collection. We will only accept returns as follows:

• Paving and Retaining Walls - returns accepted only in full pallets stacked in original configuration.

• No returns accepted for any made to order product.

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.

Let's do a project today!

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

Paving Landscape Solutions Brochure
Sth QLD - May 2015
ABM1140
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inspired living