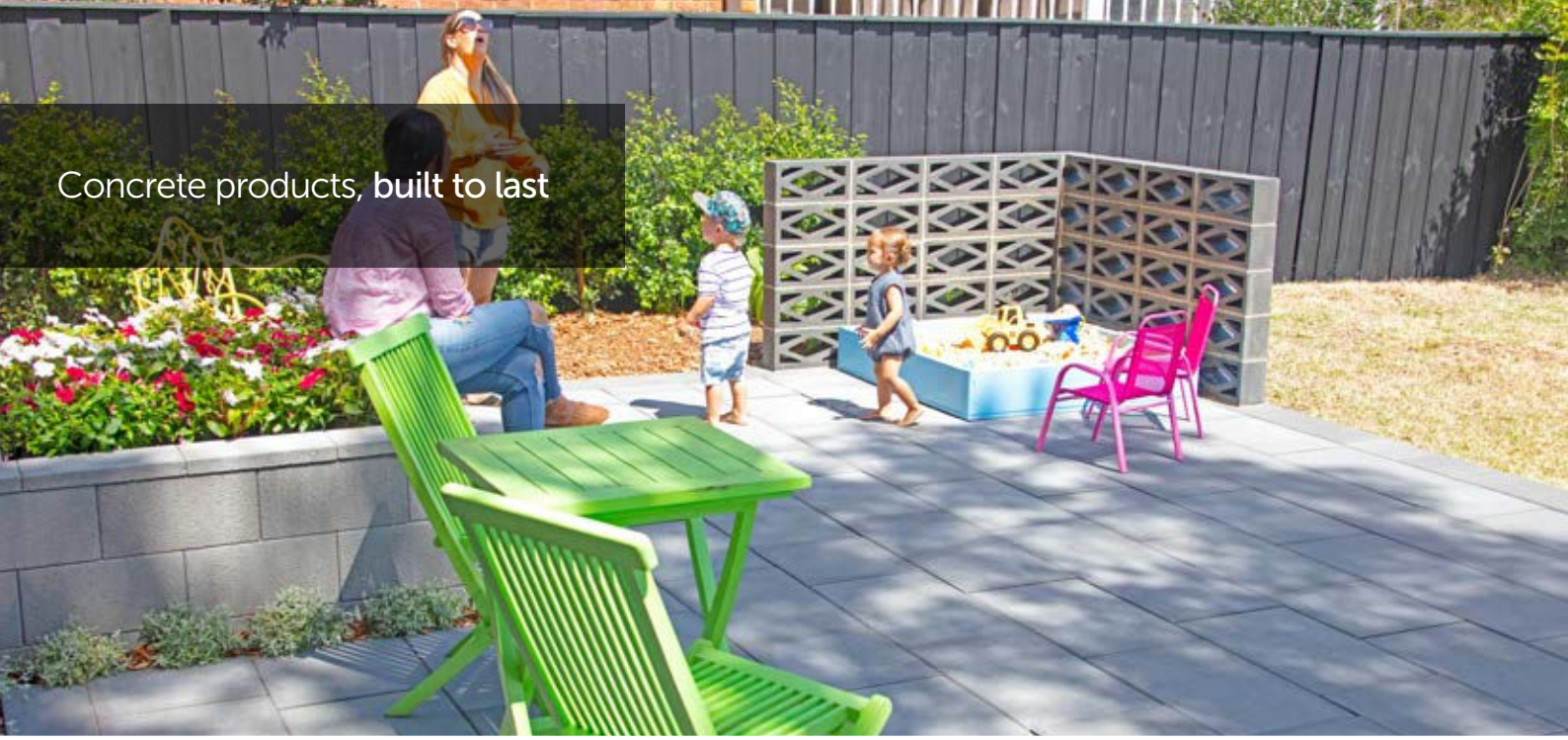
adbri MASONRY

an ADBRI company

LANDSCAPE SOLUTIONS

Paving

SOUTH QUEENSLAND


Concrete products, **built to last**

Australia's Leading Masonry Manufacturer

Adbri produces an innovative range of concrete masonry products for use in residential and commercial paving applications. These durable paving products are proven performers that can be used to enhance your home.

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SYMBOL KEY

- PATHS/ STEPPING STONES
- BUDGET PAVER
- STEPS
- GREAT VALUE
- ALFRESCO AREAS
- AGRICULTURAL
- POOL SURROUNDS
- PERMEABLE
- DRIVEWAY SAFE

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.

Your paving selection guide

It's important to select the right product for your project, to do the job once and to do it well.

STEPS

Quadro™

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Stradapave®

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PATHS / STEPPING STONES

Euro® Stone

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Euro® Classic

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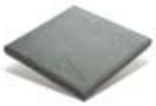
Euro® Slate



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ALFRESCO AREAS

Euro® Stone

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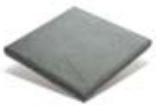
Euro® Slate



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AGRICULTURAL

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PATHS / STEPPING STONES

†STEPS

ALFRESCO AREAS

POOL SURROUNDS

*DRIVEWAY SAFE
WHEN LAID ON A SUITABLY PREPARED CONCRETE BASE

Euro® Stone

The Euro® Stone range is a popular choice for a high end look on residential and driveway paving* with the on trend palette of greys providing ample opportunity to complement the wider landscape design. A gentle shotblast to the surface of this premium concrete paver, exposes the natural granite and marble stones within, producing a light sparkle in sunlit areas.

Riverina

Zurich

Prague

Due to natural variations in the raw materials we use, colours may vary from batch to batch. Always sight a physical sample before purchase.

Euro® Stone

No. per m²	6.25 units
Approx. Weight	15.3 kg
No. per pallet	108

Euro® Stone Sharknose (made to order)†

No. per L/m	2.50 units
Approx. Weight	13.8 kg
No. per pallet	108

Sharknose only available in 400 x 400mm

Euro® Stone 600 x 400

No. per m²	4.16 units
Approx. Weight	21.8 kg
No. per pallet	72

600 x 400mm size only available in Zurich and Prague colours

- ✔ Suitable for use around saltwater and chlorine pools
- ✔ Premium exposed aggregate surface texture
- ✔ Long lasting, hard wearing
- ✔ Available in 2 sizes

PATHS / STEPPING STONES

†STEPS

ALFRESCO AREAS

POOL SURROUNDS

*DRIVEWAY SAFE
WHEN LAID ON A SUITABLY PREPARED CONCRETE BASE

Euro® Classic

Euro® Classic pavers boast a traditional pressed surface which features a light 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.

Cyprus

Athens

Prague

Vienna

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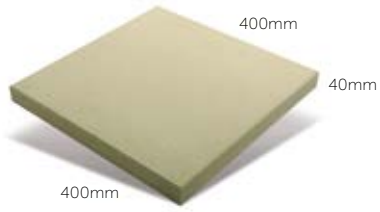
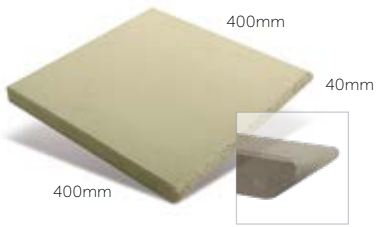


Euro® Classic

No. per m²	6.25 units
Approx. Weight	14.0 kg
No. per pallet	108



Euro® Classic Sharknose (made to order)†

No. per L/m	2.50 units
Approx. Weight	14.0 kg
No. per pallet	108

Sharknose only available in 400 x 400mm

Euro® Classic 600 x 400

No. per m²	4.16 units
Approx. Weight	22.0 kg
No. per pallet	72

600 x 400mm size only available in Prague and Vienna colours

- ✔ Contemporary smooth surface texture
- ✔ Understated bevel on all 4 edges
- ✔ Suitable for use around saltwater and chlorine pools
- ✔ Long lasting, hard wearing

PATHS / STEPPING STONES

†STEPS

ALFRESCO AREAS

POOL SURROUNDS

*DRIVEWAY SAFE
WHEN LAID ON A SUITABLY PREPARED CONCRETE BASE

Euro® Slate

The natural slate appearance of these pavers brings the look and feel of traditional European style to your space. Euro® Slate pavers are finished with an undulating pattern replicating natural slate stone. They are ideal for highlight and feature areas of larger paved surfaces. Euro® Slate pavers are suitable for use around swimming pool surrounds.

Athens

Prague

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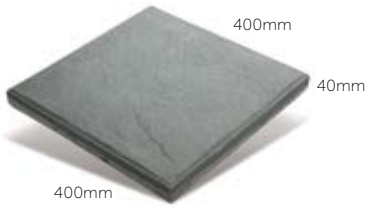
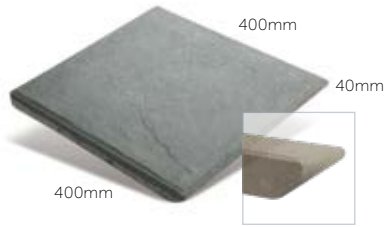




Euro® Slate	
No. per m²	6.25 units
Approx. Weight	14.0 kg
No. per pallet	108

Euro® Slate Sharknose (made to order)†	
No. per L/m	2.50 units
Approx. Weight	14.0 kg
No. per pallet	108

- ✔ Rippled surface texture for visual appeal
- ✔ Long lasting, hard wearing
- ✔ Suitable for use around saltwater and chlorine pools

PATHS / STEPPING STONES

ALFRESCO AREAS

STEPS

GREAT VALUE

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.

Oatmeal

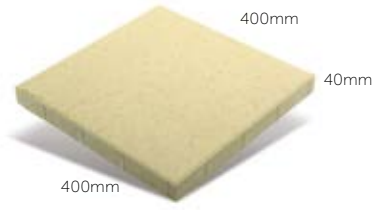
Sunstone

Terracotta

Fossil

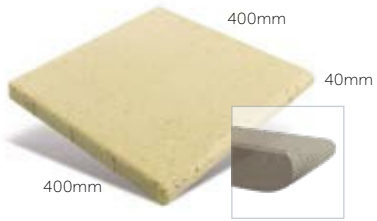
Charcoal

Due to natural variations in the raw materials we use, colours may vary from batch to batch. Always sight a physical sample before purchase.



Quadro™

No. per m²	6.25 units
Approx. Weight	14.5 kg
No. per pallet	117



Quadro™ Bullnose (made to order)

No. per m²	6.25 units
Approx. Weight	14.5 kg
No. per pallet	117

(This product is made to order, lead times apply)

- ✔ Easy to lay with specialty spacing nibs
- ✔ DIY friendly - easy to install
- ✔ Modern styling with bevel on all four edges
- ✔ Easy to maintain surface

PATHS / STEPPING STONES

ALFRESCO AREAS

DRIVEWAY SAFE

BUDGET PAVER

Stradapave®

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

Oatmeal

Sunstone

Charcoal

Due to natural variations in the raw materials we use, colours may vary from batch to batch. Always sight a physical sample before purchase.

Stradapave® 50	
No. per m^2	11.10 units
Approx. Weight	9.20 kg
No. per pallet	160

- ✔ Versatile paver with bullnose option for stairs
- ✔ DIY friendly - easy to install
- ✔ Affordable, slip resistant paver

PATHS / STEPPING STONES

ALFRESCO AREAS

BUDGET PAVER

Havenslab®

Create eye catching patterns with this popular rectangular paving slab.

Oatmeal

Sunstone

Charcoal

Due to natural variations in the raw materials we use, colours may vary from batch to batch. Always sight a physical sample before purchase.

Havenslab®	
No. per L/m	12.50 units
Approx. Weight	8.65 kg
No. per pallet	180

- ✔ Affordable rectangle paver
- ✔ Create paving patterns including herringbone
- ✔ Great for alfresco and entertaining areas

PATHS / STEPPING STONES

ALFRESCO AREAS

DRIVEWAY SAFE

BUDGET PAVER

Havenbrick®

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

Oatmeal

Sunstone

Charcoal

Due to natural variations in the raw materials we use, colours may vary from batch to batch. Always sight a physical sample before purchase.

Havenbrick®	
No. per m^2	50 units
Approx. Weight	2.10 kg
No. per pallet	726

- ✔ Traditional brick shape paver to create patterns
- ✔ Light weight, easy to lay
- ✔ Modern styling with bevel on all four edges

PATHS / STEPPING STONES

ALFRESCO AREAS

DRIVEWAY SAFE

BUDGET PAVER

Havenpave®

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

Oatmeal

Sunstone

Charcoal

Due to natural variations in the raw materials we use, colours may vary from batch to batch. Always sight a physical sample before purchase.

Havenpave®	
No. per m^2	25 units
Approx. Weight	4.10 kg
No. per pallet	360

- ✔ Stylish bevel on all four edges
- ✔ Light weight, easy to lay
- ✔ Easy to maintain smooth surface finish

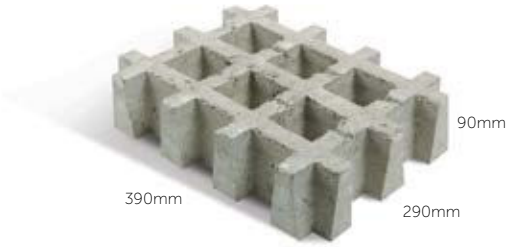
PATHS AGRICULTURAL PERMEABLE DRIVEWAY SAFE

Turfstone™

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

Natural

Due to natural variations in the raw materials we use, colours may vary from batch to batch. Always sight a physical sample before purchase.



Turfstone™

No. per m²	9 units
Approx. Weight	13.07 kg
No. per pallet	96

Agricultural Usage

Turfstone™ is the ideal solution for agricultural erosion control projects including stock yards, turf roadways and carparks.

- Results in a flat, even ground surface for livestock
- Can be laid face up or face down
- Minimises water build up and risk to livestock health

- ✔ Permeable paver allows water to flow through
- ✔ Grass grows through paver
- ✔ Trafficable land stabilisation product
- ✔ Safe for driveways, cattle troughs and barns

Paving Maintenance

PAVING ADVICE

For in depth paving advice, tips and hints please visit our DIY centre at adbrimasonry.com.au/diy

MAINTENANCE

Pavers will require some ongoing maintenance. Dirt, dust and leaves should regularly be removed whilst any weed growth should be sprayed and controlled. For more information download the PA03 guide from cmaa.com.au.

SEALING

For aesthetic and maintenance purposes, Adbri Masonry recommends sealing your paving.

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.

EFFLORESCENCE

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

Paver Installation Guide

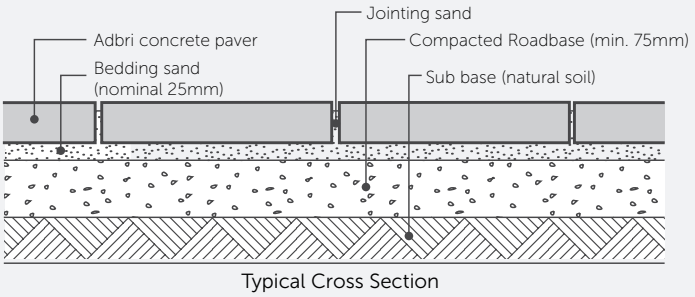
Adbri Masonry pavers can be laid by two methods; Rigid Installation (with a concrete basecourse) or Flexible Installation (a roadbase basecourse). Properly constructed rigid pavements can be more stable where soil conditions are poor (e.g. reactive or poorly drained clay).

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.

For further information please refer to: Adbri Masonry website 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.

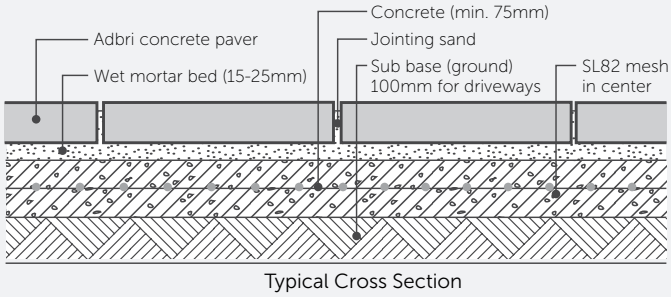
FOUNDATION OPTIONS AND GENERAL INSTALL GUIDE

FLEXIBLE INSTALLATION - ROADBASE & SAND



Typical Cross Section

RIGID INSTALLATION - CONCRETE BASE



Typical Cross Section

NOTE: Always seeks advice from a qualified professional when laying pavers on sloped land or where soil conditions or load pressures are unknown.

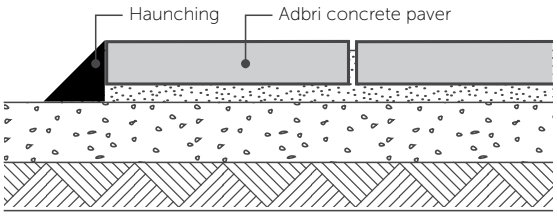
PAVER CUTTING

In some jobs cutting of pavers will be required to fit into specific areas. Wet saws can be hired to complete cuts. Remember to use and wear the appropriate safety equipment.

EDGING / HAUNCHING

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:

1. By laying the edge course pavers on concrete.
2. By haunching the outside paver in concrete to approximately half the height of the paver and back filling with suitable garden material.



HOW MANY PAVERS WILL YOU NEED ?

Use the helpful diagrams below to measure the desired space you would like to pave. This will give you a total square metre figure, length (m) x width (m) = area (m^2).

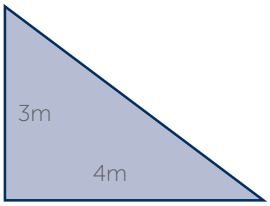
FOR RECTANGULAR AREAS

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

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

FOR TRIANGULAR AREAS

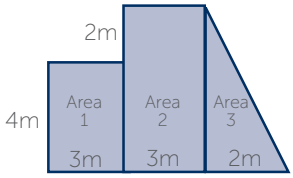
1/2 base(m) x height(m) = area(m^2)



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

Paving Pedestals/Pods

The use of pod support systems has grown in popularity for balcony and rooftop applications and is an ideal way to support pedestrian only loads. Pods allow the paving units to be supported over the waterproof membranes that are typically applied in these applications.

Swimming Pools

Pavers are an excellent choice for paving around pools. **Only Euro® range pavers are suitable for use around pools** as they meet Australian slip resistant standards and are chlorine and salt resistant. Adbri Masonry recommends sealing pavers used in pool areas.

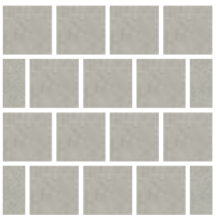
Paving Patterns

There are many paving patterns you can choose to add character to your space. Understanding the patterns can assist you in choosing pavers as some patterns are more suited for rectangular pavers and others square.
Some important things to consider are:

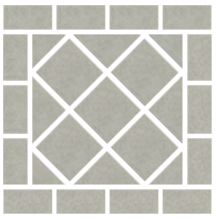
- Some patterns will require cuts
- 'Stretcherbond' and 'Stackbond' are considered the most DIY friendly as it requires minimal cutting and leaves little wastage
- On a flexible base (compacted road base and sand), pavers must always be laid with a 3mm gap to avoid the edges chipping.

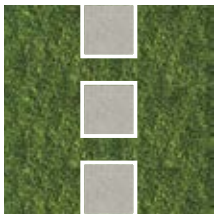
SQUARE PAVERS

Stackbond

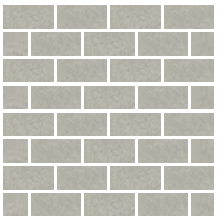

Stretcherbond

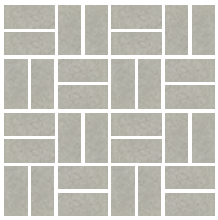
45° Stackbond

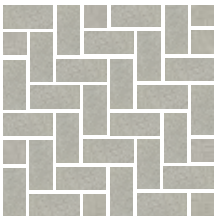

45° Stackbond
with header course

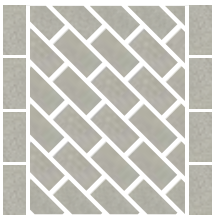

Step Stones

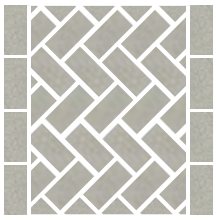
RECTANGULAR PAVERS


Stretcherbond


Basketweave


Herringbone


45° Stretcher
with header course


45° Herringbone
with header course

How to Lay Pavers (Flexible Installation)

YOUR CHECKLIST

- ✔ PPE – Gloves, safety glasses, hearing protection and respirator (if cutting)
- ✔ String line and marking spray paint
- ✔ Road base (enough for 75mm compacted depth)
- ✔ Gap sand
- ✔ Measuring tape
- ✔ Rubber mallet
- ✔ Shovel / spade
- ✔ Washed river sand (enough for 30mm depth)
- ✔ Cement (to mix with sand for haunching)
- ✔ Spirit level
- ✔ Timber stakes
- ✔ Wheel barrow
- ✔ Plate compactor
- ✔ Float and trowel

STEP 1

Marking out and excavation

The first thing you need to do is to mark out where your paved area will be and excavate approx. 170mm deep.

Don't forget to Dial before you Dig before excavating, call 1100!

STEP 2

Base foundation

Next, add in your road base which serves as your solid base foundation for the pavers.

Then go over the entire area with a plate compactor. Remember your hearing protection!

Then, lay and screed the paving sand to a depth of 25-30mm.

It is very important that you take your time on this step as it will ensure your finished job is of high quality and looks great.

JASON'S TIP:
Use screed rails to make screeding easier.

STEP 3

Laying the pavers

Set up a string line and lay the header course of pavers.

Take your time and remember to leave a 3mm gap between pavers.

STEP 4

Haunching the edges

Haunch in the sides of the paved area to ensure your pavers will stay in their location for years to come!

Using a stiff, damp sand and cement mix, haunch in pavers by applying the mix to the side of the pavers at a 45 degree angle.

STEP 5

Sweep in gap sand and finish

The final step is to sweep gap sand into the paver joints, filling the voids.

Then, compact the pavers to ensure they are embedded and that there is no lipping.

JASON'S TIP:
Attach a piece of old carpet under the plate compacter to avoid damaging pavers.

Finally, lightly spray the pavers with water to remove any excess sand or dust.

Enjoy!

BRICKS | BESSER® BLOCKS | PAVERS | RETAINING WALLS

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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

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