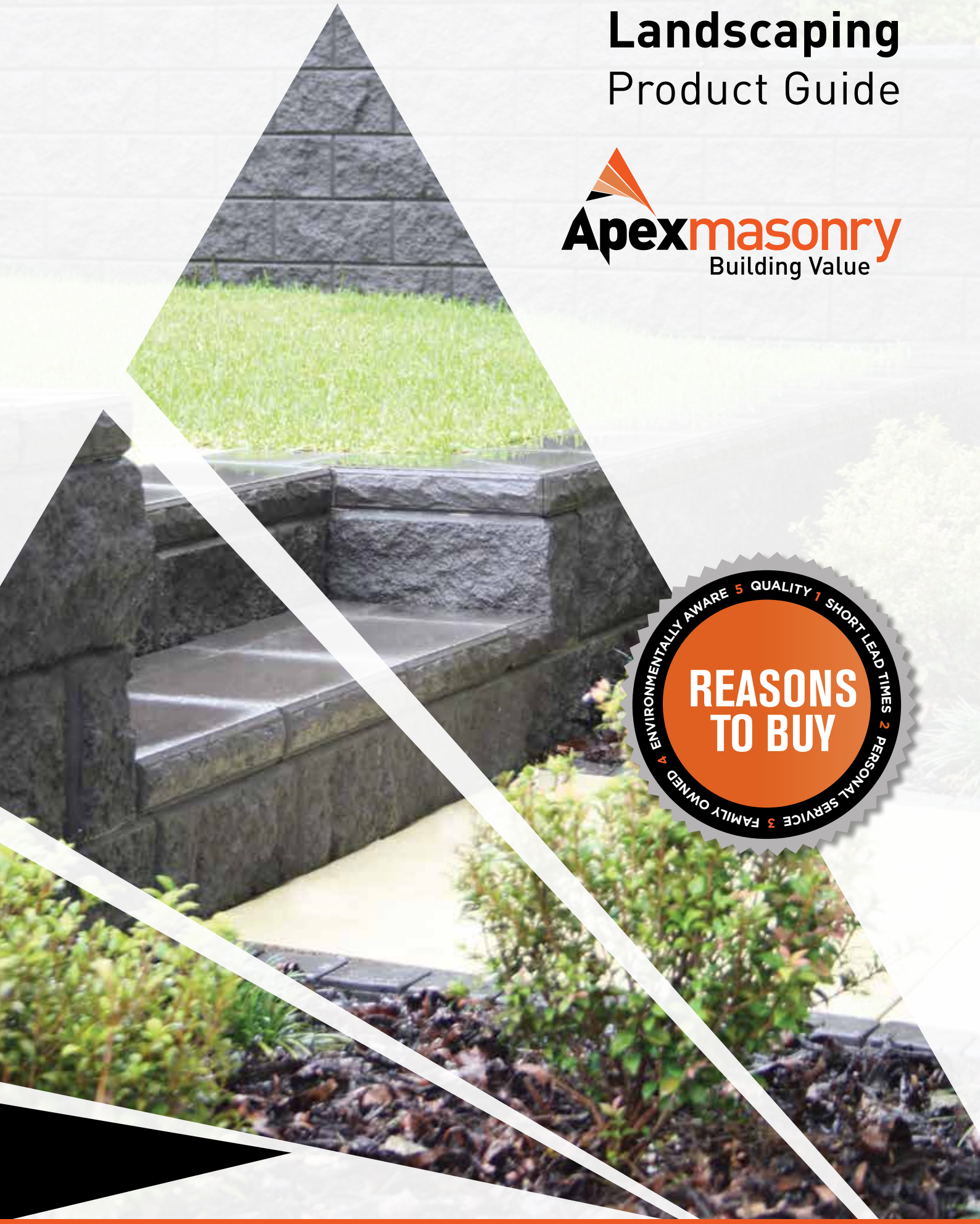
Landscaping
Product Guide

Apexmasonry
Building Value



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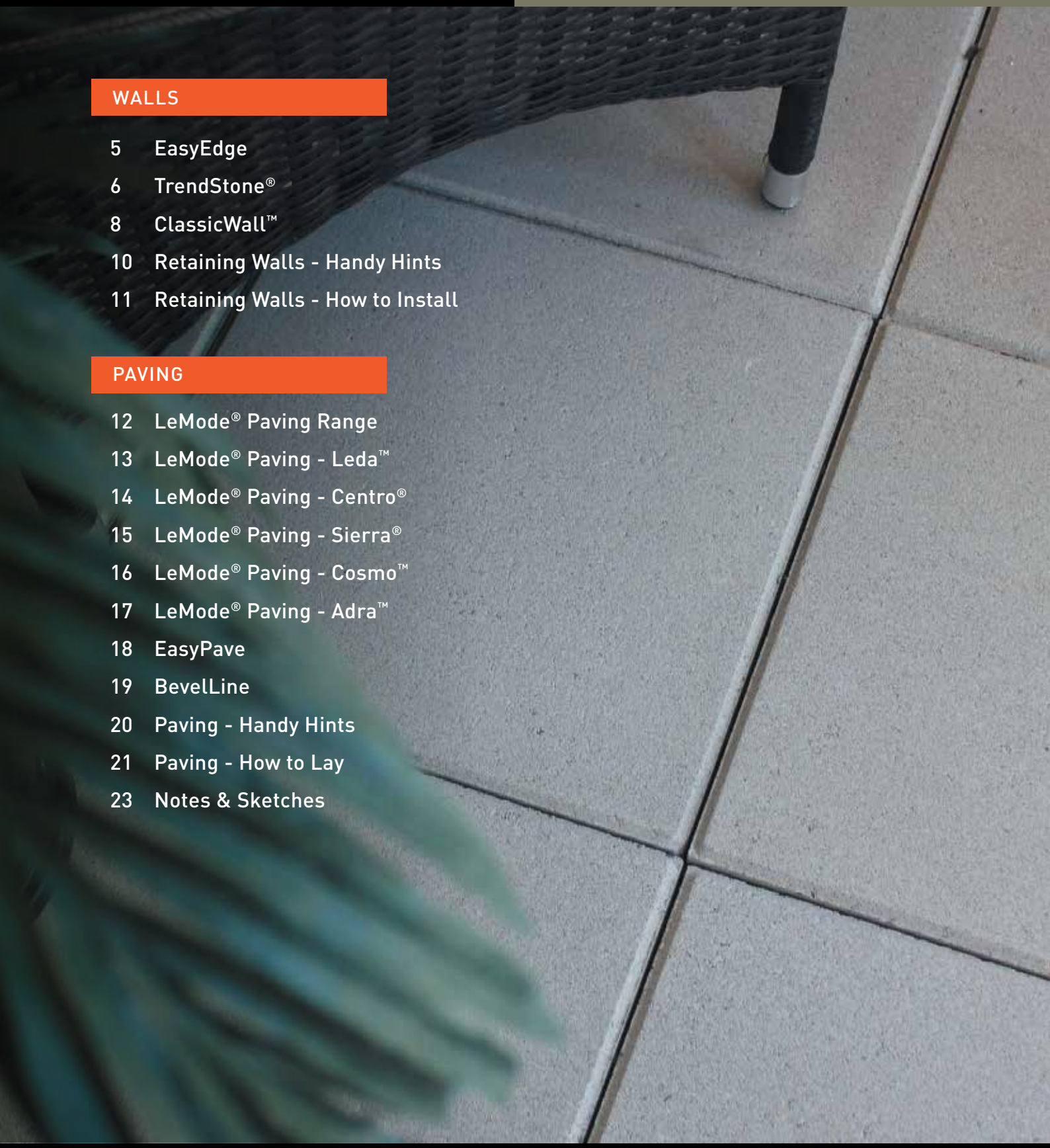


WALLS

PAVING

Welcome to **Apex Masonry**

Apex Masonry's diverse range of landscaping products caters to every design scheme. Whether you are creating a stylish contemporary space or you prefer a traditional look, Apex Masonry's range will inspire and stimulate ideas to make your outdoor living design a reality. This range delivers a mixed style of colour, structure and functionality. From naturally simple garden edges to decorative retaining walls, small format pavers to large stepping stones, Apex Masonry's variety of options provides everything you need to enhance your outdoor living. This landscaping guide will take you on a journey overflowing with inspiration and creative ideas for your outdoor space.

WHY CHOOSE APEX MASONRY?

As a family owned masonry manufacturer, the focus is to provide the building industry with market leading, innovative concrete products. Apex Masonry's ongoing relationship with their customers is built with a passion on delivering superior quality products and high levels of service, guaranteeing customer satisfaction through the commitment to honesty, integrity and flexibility.

ENVIRONMENTAL RESPONSIBILITY

Apex Masonry is committed to sustainable solutions for the building industry. Our response is proactive and is in view of showing our responsibility for the shaping of sustainable built environments. Apex Masonry uses products in its manufacturing from recycled waste materials, in using these our products have further sustainable values which reduce environmental impact, improve energy efficiency and provide a greener future for our globe. Research by R & D team is continually being undertaken across all aspects of sustainable initiatives.

BUILD GREEN

Apexmasonry
Building Value

*

Easy**Edge**

Quick and easy to install, this small edging product is an attractive and simple option for garden borders, tree surrounds and to separate your garden from the lawn.

EasyEdge Ivory

EasyEdge Charcoal

COLOURS

Canyon

Charcoal

Pebble

Sandstone

Ivory

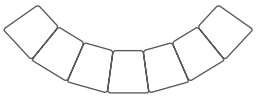
Max. Wall Height	180mm
Suitable For:	
Straight Edges	✔
Curves	✔

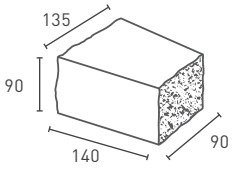
Features

- Cost effective
- Light weight
- Easy to handle
- No gaps - WEED FREE
- Create small garden walls

Straight Wall

Curved Wall



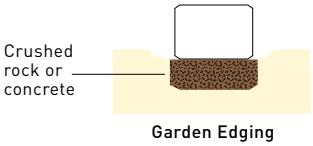


EasyEdge Unit

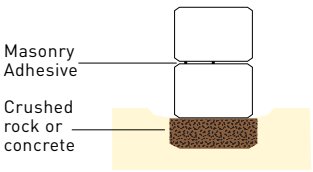
140 x 90 x 135 / 90mm
No. per Pallet: 480
No. per Lm: 9

Notes:

Curves
Minimum Diameter = 820mm.
(Outside Diameter)
19 Full Units



Garden Edging



Small Garden Wall

TrendStone®

Creating both contemporary and classic atmospheres, this distinctive retaining wall system is suitable for all outdoor living applications.

TrendStone® Charcoal

COLOURS - STANDARD RANGE

Pebble

Charcoal

COLOURS - DESIGNER RANGE

Fraser Sand

Fraser Coral

Ivory

Max. Wall Height Up to 3065mm with specific engineering	1065mm
Suitable For:	
Steps	✔
Corners	✔
Straight Edges	✔
Curves	✔

Features

- UNIVERSAL CORNER BLOCK
- 'Picture Frame' look - sharp framed split face that adds class
- Only 3 components
- Stylish 'vertical faced walls' created effortlessly
- Easy to install

TrendStone® Fraser Sand

"TrendStone® Retaining System ... Easy to erect and gives a stunning look in all applications."

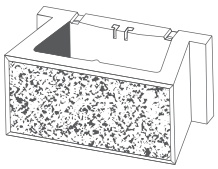
- Eddie, North Maclean

TrendStone® Ivory

APEX EXCLUSIVE DESIGN FEATURE

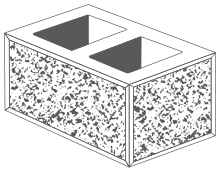
ALLOWS PRODUCT TO REMAIN IN BOND WHEN CURVES ARE FORMED.

SPECIFICATIONS



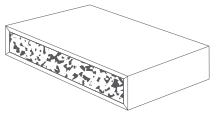
TrendStone® Wall Unit

400 x 245 x 200mm
No. Per Pallet - 78
No. Per m² - 12.5



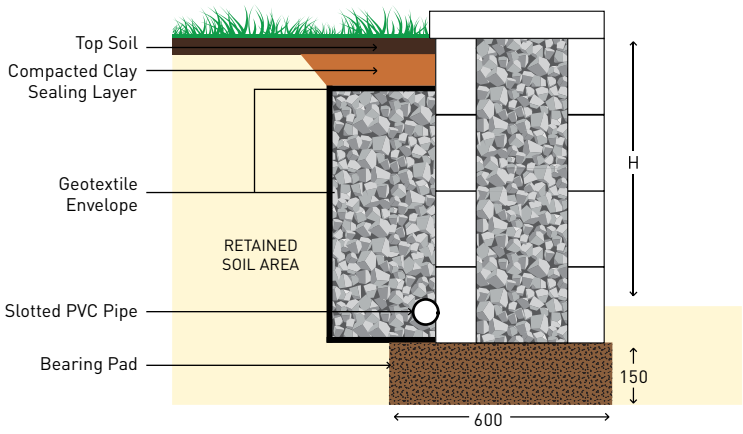
TrendStone® Corner

390 x 190 x 200mm
No. Per Pallet - 75



TrendStone® Cap

400 x 255 x 65mm
No. Per Pallet - 120
No. Per Lm - 2.5



Notes:

Curves - For convex curved walls simply knock the back fin off the block with a hammer.

Creates circle with Minimum Diameter of 2170mm or 16 Full Units = 2330mm.

Classic**Wall**™

A simple system with a classic appearance. This flexible garden wall creates both straight and curved walls with ease.

COLOURS


Canyon


Charcoal


Pebble


Ivory


Gold Blend

Max. Wall Height Greater heights available with engineering	1000mm
Suitable For:	
Steps	✔
Straight Edges	✔
Curves	✔

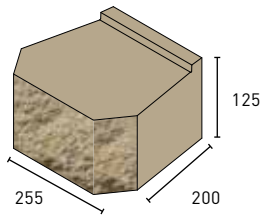
Features

- Quick & easy to install
- Suitable for DIY and professionals alike
- Split on 3 front faces giving a uniform appearance
- 1 Block suits all

"Apex Masonry's service and personel is the best in the world"

- Geoff, Caboolture

SPECIFICATIONS

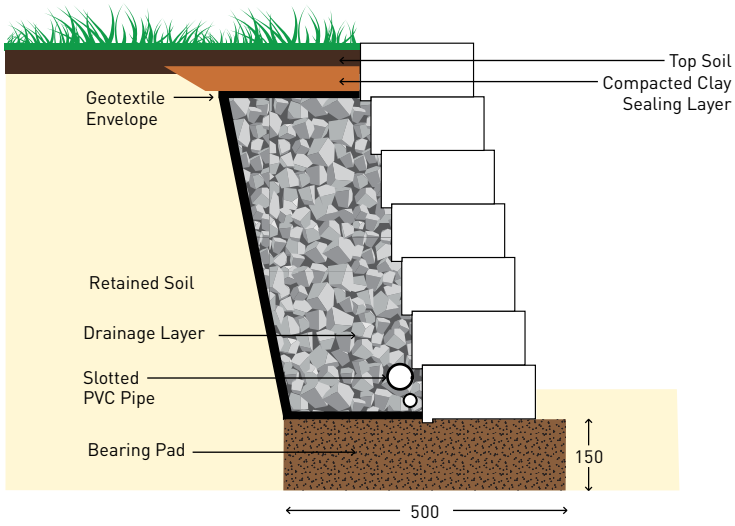


Classic Wall™ Unit

255 x 200 x 125mm
No. Per m² - 31.4

Notes:

Creates circle with Minimum Diameter of 1270mm (approx)
or 15 Full Units = 1350mm (approx)



Retaining Walls

Handy Hints

Quantity of Blocks Required:

TRENDSTONE®

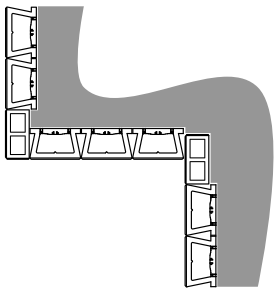
1. Measure the length (L) and height (H) of the wall.
2. For wall units, multiply the L x H x number of blocks units per m² (12.5).
3. For capping units, multiply L x the number of units per lineal metre (2.5).
4. For corner units, add up number of internal & external corner required and multiply it by the number of courses high the wall is.
5. Order an extra 5% to all items to allow for cuts.

CLASSIC WALL

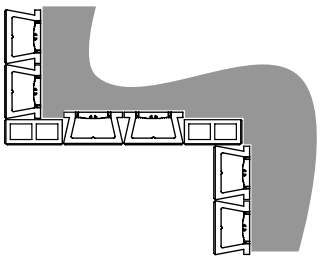
1. Measure the length (L) and height (H) of the wall.
2. Multiply the L x H to work out m² in wall.
3. Multiply the m² of wall by number of units in a m² (31.4 blocks per m²).
4. Order an extra 5% to all items to allow for cuts.

Corner Details

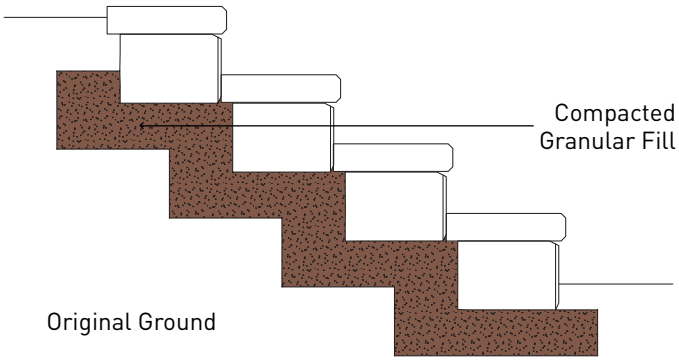
TRENDSTONE® COURSE 1



TRENDSTONE® COURSE 2



STEPS



Retaining Walls

How To Install

STEP 1 - PREPARE THE SITE

Mark out the ground using stakes and a string line or by marking a line on the ground with spray paint. Dig a trench approximately 400 - 600mm wide and 250mm deep. Fill trench with 150 - 200mm of road base. Compact the road base. Cover road base with approximately 25mm of sharp sand or crushed blue metal. Screed to a true level, starting from the lowest point if wall is stepping up.

STEP 2 - THE FIRST COURSE

Place wall unit onto base. It is essential that this first course of units is placed accurately to line and level using a spirit level. For walls up to 1 metre high, make sure 100mm of the first block is below the finished ground level.

*** Note for TrendStone® when using geogrid**

Clean debris from top of unit to ensure that the Geogrid will sit neatly. Geogrid is to be rolled perpendicular to the wall, pulled tight and cut to the required length. Make sure Geogrid sits within 15mm of the face of the block, and also make sure that lock pins clip into the Geogrid. Lay the next course on top of the Geogrid. Continue laying the subsequent courses following the same procedure as the first course. Maintain high compaction rate on backfill material.

STEP 3 - PLACING THE DRAIN

If required, place a PVC drainage pipe with a geotextile sock behind the first course of the wall on a bed of drainage material. Pipe to have a 1 in 100 fall. Outlet the drain through the wall at every low point, at every 20 metres and around the ends of the wall, to your storm water system.

STEP 4 - PLACING ADDITIONAL COURSES

Clean debris from top of unit to ensure that the next unit will sit neatly. Continue laying the subsequent courses following the same procedure as the first course.

*** Note for TrendStone®**

Place each course in running bond with course below using locating pointer as a guide.

STEP 5 - BACKFILL & COREFILLING

Back fill behind the wall using 20mm clean, free drainage material. Maintain high compaction rate on backfill material.

*** Note for TrendStone®**

Fill all the cores of the blocks with 20mm clean, free drainage material. Once all cores have been filled, back fill behind the wall using the same 20mm clean, free drainage material.

STEP 6 - LAYING CAPPING UNITS

Fix the capping or final course of ClassicWall™ into place once the backfilling and cleaning is complete. For domestic wall installations, a waterproof construction adhesive is recommended. For high use areas, a 2-part epoxy is preferred.

STEP 7 - SURFACE DRAINGE LAYER

Care should be taken where possible to divert water away from the face of the wall. If the surface water cannot be taken away from the top of the wall, place 100 - 150mm of clay (or similar) impermeable layer on top of the wall fill. If soil is used on top of the wall, a layer of geotextile must be used to stop any soil filtering down through the drainage layer to back of wall.

LeMode® Paving Range

A range of 40mm pavers that brings you affordable quality and style, suitable for courtyards, entertaining areas, pathways, patios and pool surrounds.

LedaPAVE™ Fraser Coral

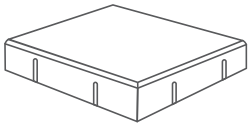
AdraPave™ Pebble with Ivory border

Features

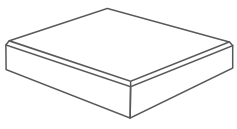
- Bevels on four sides creates a smart, neat look.
- Range of dimensions and colours to suit your preference or use in a combination to create patterns.
- Suitable for driveways if laid on a concrete base.

SPECIFICATIONS

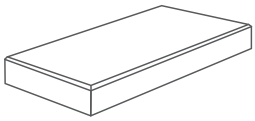
LEDA™
400 x 400 x 40mm
No. per m²: 6.25



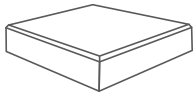
CENTRO®
300 x 300 x 40mm
No. per m²: 11.1



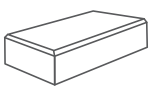
SIERRA®
400 x 200 x 40mm
No. per m²: 12.5



COSMO™
200 x 200 x 40mm
No. per m²: 25

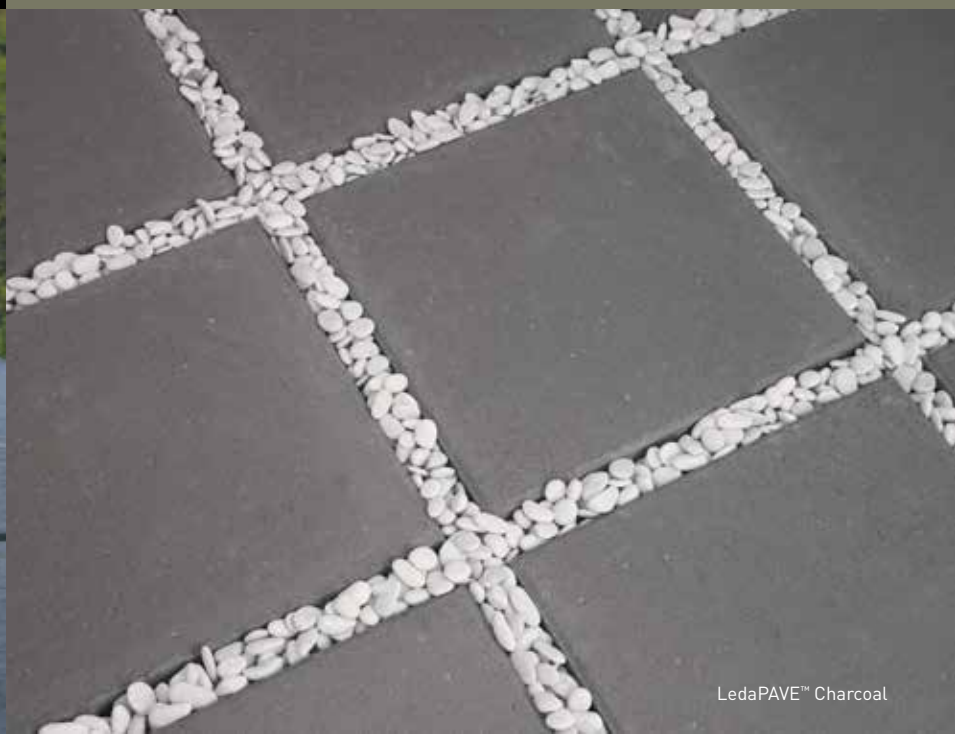


ADRA™
200 x 100 x 40mm
No. per m²: 50



LeMode® LedaPAVE™

LedaPAVE™ Charcoal



LedaPAVE™ Charcoal

COLOURS

Canyon

Charcoal

Fraser Coral

Ivory

Pebble

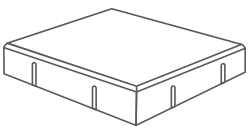
Sandstone

PATTERNS

Suitable For:	
Courtyards	✔
Footpaths	✔
Pools	✔

Features

- Bevels on four sides creates a smart, neat look
- Quick to lay
- Large format paver



LEDA™

400 x 400 x 40mm

No. per m²: 6.25

LeMode® CentroPAVE®

CentroPAVE® Charcoal

COLOURS

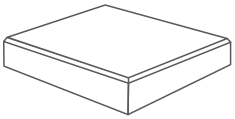
Canyon | **Charcoal** | Fraser Coral | Ivory | Pebble | Sandstone

PATTERNS

Features

- Bevels on four sides creates a smart, neat look
- Easy to handle
- Versatile DIY paver

Suitable For:	
Courtyards	✔
Footpaths	✔
Pools	✔



CENTRO®
300 x 300 x 40mm
No. per m²: 11.1

LeMode® SierraPAVE®


SierraPAVE® Pebble


SierraPAVE® Sandstone

COLOURS


Canyon


Charcoal


Ivory


Pebble

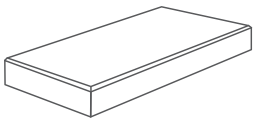

Sandstone

PATTERNS

Suitable For:	
Courtyards	✔
Footpaths	✔
Pools	✔

Features

- Bevels on four sides creates a smart, neat look
- Easy to handle
- Create distinctive patterns



SIERRA®

400 x 200 x 40mm

No. per m²: 12.5

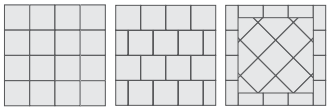
LeMode® CosmoPAVE™

CosmoPAVE™ Pebble

COLOURS

Canyon | **Charcoal** | Ivory | Pebble | Sandstone

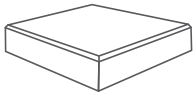
PATTERNS



Suitable For:	
Courtyards	✔
Footpaths	✔
Pools	✔

Features

- Bevels on four sides creates a smart, neat look
- Lightweight and easy to lay



COSMO™
200 x 200 x 40mm
No. per m²: 25

LeMode® AdraPAVE™

AdraPAVE™ Pebble

AdraPAVE™ Sandstone

COLOURS

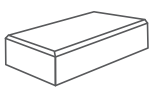
Canyon | **Charcoal** | Ivory | Pebble | Sandstone

PATTERNS

Suitable For:	
Courtyards	✔
Footpaths	✔
Pools	✔

Features

- Bevels on four sides creates a smart, neat look
- Easy to handle
- Great for mower strip or garden edging



ADRA™
200 x 100 x 40mm
No. per m²: 50

Easy**Pave**

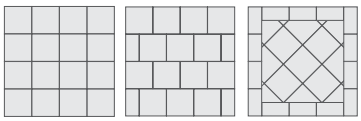
Designed for driveway applications this versatile paver is also a great option for outdoor entertaining areas, stepping stones and many other paving projects.

EasyPave Charcoal

COLOUR

Note: All colours made to order - please allow 8-12 weeks lead time for manufacture. A minimum order quantity applies.

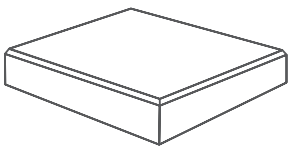
PATTERNS



Suitable For:	
Courtyards	✔
Footpaths	✔
Pools	✔
Domestic driveways	✔

Features

- Large format DRIVEWAY safe paver
- Bevels on four sides creates a smart, neat look
- Affordale DIY paver



EASYPAVE

300 x 300 x 50mm

No. per m²: 11.1

BevelLine

Unique and durable, these pavers can be used in a number of patterns to create a distinctive cobblestone effect. If you are seeking a low maintenance option for your paving project...these tick all the boxes.

BevelLine Canyon

BevelLine Canyon

COLOURS

Canyon

Charcoal

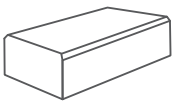
* Note: Other colours are manufactured to order on client request

PATTERNS

Features

- Unique and durable driveway paver
- Low maintenance
- Easy to handle

Suitable For:	
Courtyards	✔
Footpaths	✔
Pools	✔
Domestic driveways	✔



BEVELLINE

230 x 115 x 53mm

No. per m²: 38

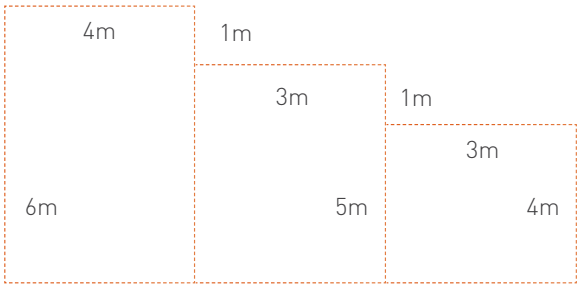
Paving

Handy Hints

Quantity of Pavers Required

Measure your area to be paved to determine quantity of pavers required. This area is simply calculated by length (m) x width (m) = area (m²) for basic square or rectangular spaces (m=metres).

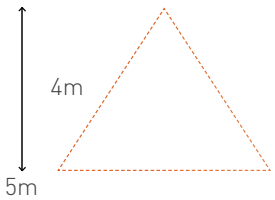
4m x 3m = 12m²



Area Total (4m x 6m) + (3m x 5m) + (3m x 4m) = 51m²

For triangular area:

½ x base (m) x height (m) = area (m²)
e.g. ½ x 5m x 4m = 10m²



Allow up to 10% extra for wastage such as cuts & breakages.

Estimating Materials Required

BOTTOM LAYER: ROAD BASE

A base layer of road base will create a firm foundation for the paving. Spread road base around the entire area to a total depth of 100 to 150mm in 50mm layers compacting between the layers for driveways or 50mm to 80mm for pathways.
1 cubic metre will cover 9m² when compacted to 100mm.
1 cubic metre will cover 18m² when compacted to 50mm.

_____ m² (area) x 0.1 = _____m³ ROAD BASE

MIDDLE LAYER: BEDDING SAND

Lay bedding sand evenly over the area to a depth of 40mm. 1 cubic metre will cover approximately 20m² to a depth of 40mm.

_____ m² x 0.04 = _____ m³ BEDDING SAND
(The area your are paving) to a depth of 40mm.

TOP LAYER: PAVER JOINT FILLING SAND

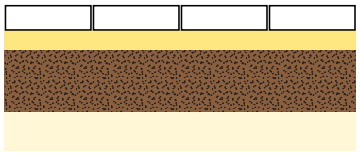
When you lay pavers it's recommended that you leave a 2-3mm gap between pavers, joint fill sand is broomed into the gaps. A 20 kg bag should cover between 20-30 m² at the recommended 2-3mm gap.

RESTRAINING EDGE: PRE-BAGGED CEMENT AND SAND MIX

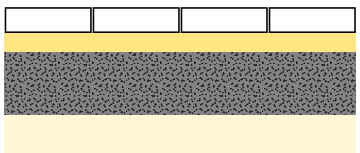
To keep all the pavers securely in place you need to make concrete restraints around the edge of your pavers. You can easily make this with a mixture of concrete block and cement. 1 cubic metre of concrete will cover 20 linear metre of restraint and 6 bags of cement are needed to make 1 cubic metre of concrete.

_____m/0.005 = _____m³ CONCRETE BLEND
(Length of restraint are you'll need around paved area)

_____ m³ x 6 = _____ BAGS OF CEMENT
(Concrete blend)



Paver
40mm Bedding Sand
50 - 80mm Road Base (Pathway)
or 100 - 150mm Road Base (Driveway)



Paver
40mm Bedding Sand
50 - 80mm Road Base (Pathway)
or 100 - 150mm Road Base (Driveway)

Paving

How To Lay

STEP 1 - PREPARE THE SITE

Prepare an area larger than the paved area required. Clear area of all vegetation, bark and soft soils. Check that finished height is not going to be higher than a nearby door opening.

STEP 2 - LAY A FOUNDATION

Lay certified road base and compact with a plate compactor. If the road base if very dry add a little water. If thicker than 1mm compact in layers (55-75mm for a walkway, 150-200mm for a drive way), if laying on clay or fine sand use geo-fabric first.

STEP 3 - BEDDING SAND

The most common bedding type sand used is washed medium or course sand. A minimum 30mm layer is recommended. Level and compact this bedding sand layer.

STEP 4 - SCREEDING BEDDING SAND

Using a screed level an area to start from. For larger areas, break them up into smaller areas that are easier to manage. Lay a screed rail on your prepared area and using it as a guild screed at 90° allowing for a slight fall so the water will run away from your house toward the lawn or garden. Lay the screed rails where you have just prepared. Place the screed on the rails and using a sawing motion pull the screed towards you. For larger areas just repeat the process.

STEP 5 - START PAVING

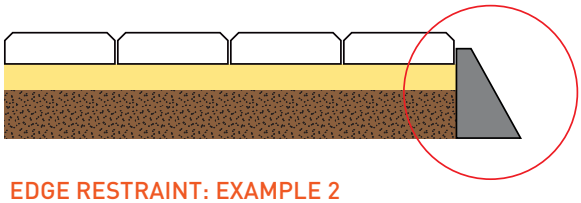
Set up a string line to suit the pattern you are going to lay and start laying along the longest straight edge of area. Leave a 2-4mm gap between the pavers to allow for gap sand.

STEP 6 - EDGING

Unless your paving is getting laid up against a house or slab, an edge restraint must up put in. See diagram example for two options.

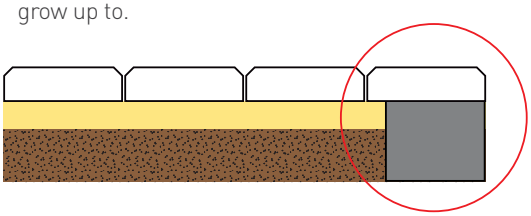
EDGE RESTRAINT: EXAMPLE 1

Using the left over sand, mix with cement at a 4:1 ratio.



EDGE RESTRAINT: EXAMPLE 2

Create a cement beam approx. 100mm in from the edge of the paver. Sprinkle the beam with neat cement and lay the paver on the beam. This will lock the paver to the beam giving you a high quality edge ideal for the garden or grass to grow up to.



STEP 7 - SWEEP IN THE SAND

Always use kiln dried sharp gap sand. Sweep the gap sand over the dry paving, ensuring that all the little gaps are filled.

STEP 8 - PACK IT IN

Pavers with a thickness of 50mm or greater need to be compacted with a plate compactor (whacker plate). Always remember to use a rubber mat or carpet under the place compactor to prevent damage to the pavers. For pavers with a thickness of 40mm the surface can be hand compacted with thick piece of timber and a rubber mallet.

How to maintain your project

Prevention is better than a cure

Pre-sealing admixtures are incorporated during the manufacture of these products. These admixtures significantly enhance waterproofing and assist in maintaining the appearance of your blocks for years to come.

PAVERS

- Frequent sweeping with a bristled broom to keep area free of debris.
- It is recommended sealing concrete pavers after installation. Two options are available – a topical wet look sealer or a penetrating sealer. Sealing products recommended are from Environex International - www.environex.net.au
- If constructing in and around the paved area, cover the pavers to protect against damage.
- Protect your pavers against possible staining from mortar, oxides, cement and rust.
- Do not use acid to clean pavers.
- Avoid using high pressure cleaning apparatus to clean pavers.
- Joint maintenance - Any loss of sand in the joints must be promptly rectified. Repeat STEP 7 of the 'How to Pave'.
- Control weeds by periodic applications of weedicide. Best results will be achieved in dry weather conditions.

Routine cleaning will keep your project in pristine condition, however should staining occur - follow these simple steps:

- Identify type of stain carefully before taking action.
- Assess the efficacy of the cleaning compound or procedure by a trial on a small inconspicuous area of the pavement.
- Remove the worst stains first.
- Where abrasives, detergents or chemicals are used, ensure that all residues are immediately removed.

IMPORTANT INFORMATION

Light coloured blocks emphasise tyre marks and oil spills on the driveway. It must be accepted that these products will need more maintenance if the overall appearance is to be maintained.

RETAINING WALLS

- If constructing in and around the area, cover the wall to protect against damage.
- Protect your retaining wall against possible staining from mortar, oxides, cement and rust.
- Do not use acid to clean retaining wall.

Routine cleaning will keep your project in pristine condition, however should mould growth occur – follow these simple steps:

Initially try wet brush cleaning with warm water and household detergent or high pressure water blasting (ONLY use fan jet) with or without detergent or use ordinary bleach diluted down as per specifications then scrub with stiff brush. Make sure this area is flushed down with water.

EFFLORESCENCE

The most common cause of concrete product discolouration is efflorescence. It is a transitory occurrence and will usually disappear in time under abrasion by pedestrian and vehicular traffic and general weathering. Efflorescence does not affect the structural integrity or strength of the product. Efflorescence will usually diminish and disappear in the course of time as the product is exposed to the elements. Efflorescence may be removed by stiff brush or the application of Anti-Eff (Environex International product) – Read suppliers instructions before use.

PROBLEM	SUGGESTED CLEANING METHOD
Efflorescence (White powdery deposit)	Use Environex Anti-EF or equivalent as per manufactures recommendation.
Leaves, bark, algae, food and wine stains	Use 10 parts water to 1 part bleach, then wash thoroughly down.
Chewing gum	Freeze with dry ice and remove with a spatula.
Ivy suckers	Apply a heat gun to the suckers until they go hard. Allow them to cool and dry, then scrub them off with a stiff bristled broom.

Notes & **Sketches**

"The reliability and customer service was excellent. I would definitely recommend."

- Brent, Sunshine Coast

TrendStone® Fraser Coral

LedaPAVE™ Charcoal

FREE PALLET COLLECTION

For free pallet collection service call **1300 781 620** or lodge a pick up online at **www.apexmasonry.com.au** or drop pallets back to place of purchase.

COLOUR VARIATION

Due to the changes in raw material, variation in colour can occur. When ordering your product, order all products of your project together to reduce the possibility of colour variation. We do not guarantee different batches will be the same colour.

Apexmasonry
Building Value