Apexmasonry
Building Value

Landscaping
Product
Guide

apexmasonry.com.au

contents

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

BUILD GREEN

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 staff and owners of Apex Masonry is continually being undertaken across all aspects of sustainable initiatives.

Apexmasonry
Building Value

Our **Customer Service Promise**

1. Respond to all customer enquiries within 30 minutes during business hours.

2. Replace any damaged or broken products.*

3. Always available to answer your calls, even outside business hours – 24 hours/7 days.*

4. Free delivery on all products.*

5. 48 hours or better delivery turnaround to the following regions: Hervey Bay, Maryborough, Bundaberg, Gladstone, Gympie, Sunshine Coast, Brisbane & Gold Coast.

*Conditions apply

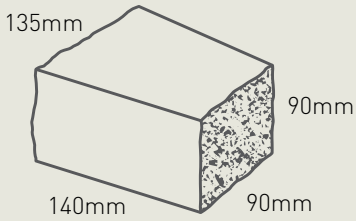
Easy**Edge**

Quick & 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.

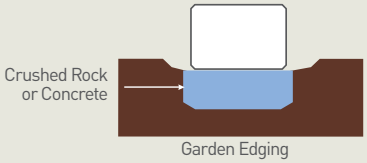
SUITABLE FOR	
Max Wall Height*	180mm
Straight Edges	✓
Curves	✓

Product Features

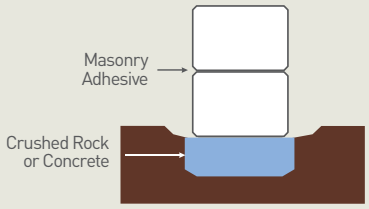
- Cost effective
- Light weight
- Easy to handle
- Create small garden walls
- No gaps - WEED FREE



No. per Lm: 9



Garden Edging



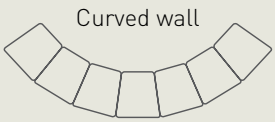
Small Garden Wall

Canyon

Charcoal

Pebble

Sandstone



Easy**Edge** - Charcoal

TrendStone®

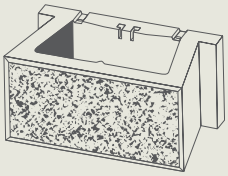
Creating both contemporary and classic atmospheres, this distinctive retaining wall system is suitable for all outdoor living applications.

SUITABLE FOR	
Max Wall Height* (Up to 3065mm with specific engineering)	1065mm
Steps	✓
Corners	✓
Straight Walls	✓
Curves	✓

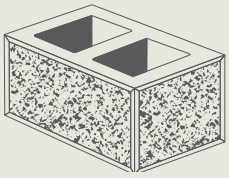
Product Features

- 'Picture Frame' look - sharp framed splitface that adds class
- Only 3 components
- Stylish **'vertical faced walls'** created effortlessly
- Universal Corner
- Easy to install

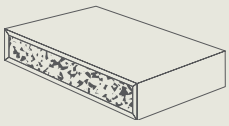
> "Trendstone Retaining System - Easy to erect and gives a stunning look in all applications."
>
> Eddie, North Maclean



Trendstone® Wall Unit
400 x 245 x 200mm
No. per Pallet: 78
No. per m²: 12.5



Trendstone® Corner Unit
390 x 190 x 200mm
No. per Pallet: 90



Trendstone® Cap
400 x 255 x 65mm
No. per Pallet: 120
No. per Lm: 2.5

APEX EXCLUSIVE DESIGN FEATURE
ALLOWS PRODUCT TO REMAIN IN BOND WHEN CURVES ARE FORMED

TrendStone® Charcoal

TrendStone® - Fraser Sand

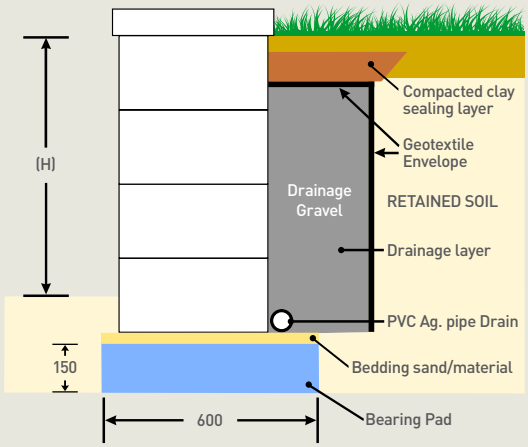
STANDARD RANGE
Pebble

Charcoal

DESIGNER RANGE
Fraser Sand

Fraser Coral

Ivory



For further engineering please call 1300 781 620 or visit apexmasonry.com.au (Patent Pending)

TrendStone® - Fraser Coral

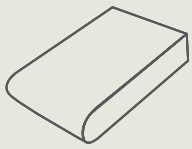
InterLink®

Interlink gives a whole new concept to retaining walls, with the latest in style & a touch of Mediterranean. The linking concept creates a unique look and allows Interlink to be used as a free standing wall, fence or screen.

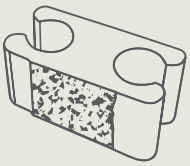
SUITABLE FOR	
Max Wall Height* (Up to 1865mm with specific engineering)	965mm
Steps	✓
Corners	✓
Straight Walls	✓
Curves	✓
Fencing	✓

Product Features

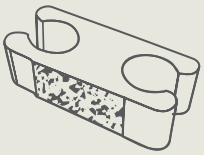
- Vertical face retaining wall
- Exceptionally strong and durable long term solution
- Locks together on both the vertical and horizontal plane
- Free standing wall or fence (up to 2m high)
- Interchangeable faces allows for attractive finish on both sides



Cap
200 x 305 x 65mm
No. per Lm: 5

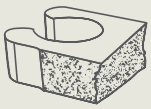


Full Height
400 x 190 x 200mm
No. per m²: 15

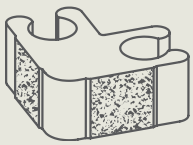


Half Height
400 x 190 x 100mm
No. per Lm: 3

Full Height Split End
200 x 190 x 200mm



Half Height Split End
200 x 190 x 100mm



Full Height Corner
350 x 350 x 200mm

InterLink® - Fraser Coral

"Interlink block is one of the best retaining wall blocks on the market, its versatility with what it can do, from beautiful sweeping curves, free standing walls, tiered gardens, planter boxes, it is easy to use and its strength and stability all come together to make the overall look an enhancement to any garden."

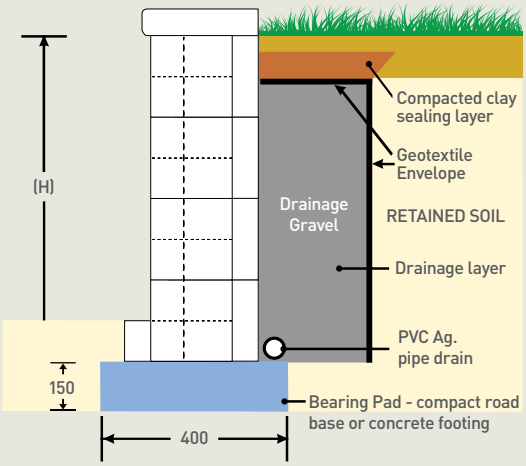
Shah, Yeppoon

COLOURS AVAILABLE

Charcoal

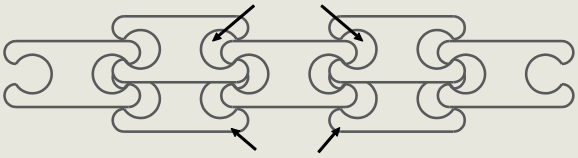
Fraser Sand

Fraser Coral



Typical Plan of Wall

Fill cores with 10-25mm sharp drainage aggregate



Initial half block offset to front of wall

For further engineering please call 1300 781 620 or visit apexmasonry.com.au

InterLink® - Charcoal

Retaining Walls - Handy Hints

QUANTITIY OF BLOCKS REQUIRED

TRENDSTONE

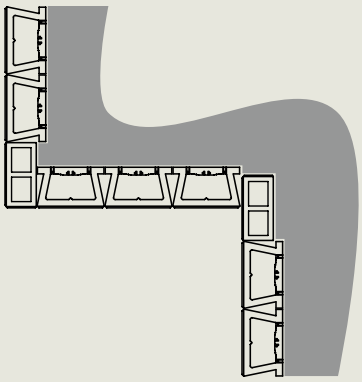
- Measure the length (L) and height (H) of the wall.
- For wall units, multiply the L x H x number of blocks units per m² (12.5).
- For capping units, multiply L x the number of units per lineal metre (2.5).
- For corner units, add up number of internal & external corner required and multiply it by the number of courses high the wall is.

INTERLINK

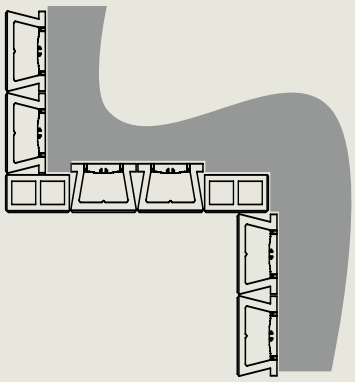
- Measure the length (L) and height (H) of the wall. Multiply the L x H to work out m² in wall.
- For Half Height (only required if wall is over 600mm high) multiply L x 3 (no. of blocks per lineal metre).
- For Full Blocks, multiply the m² x 15 Less Half Height quantity divided by 2 (if wall is over 600mm).
- For capping units, multiply L x the number of units per lineal metre.
- For corner units, add up number of internal & external corner required and multiply it by the number of courses high the wall is.

CORNER DETAILS

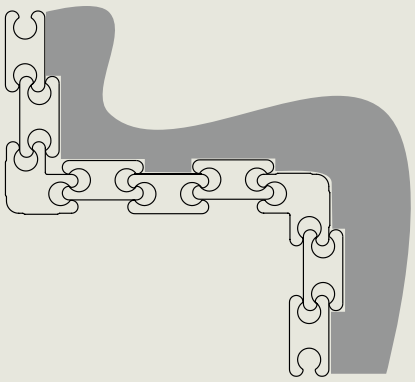
TENDSTONE - Course 1



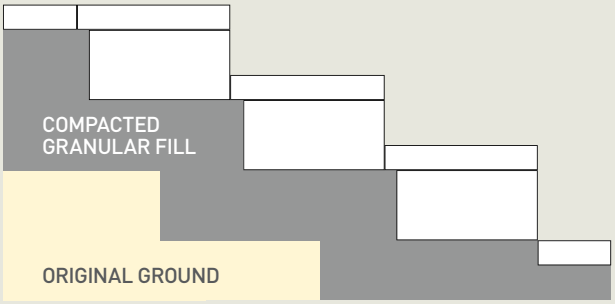
TENDSTONE - Course 2



INTERLINK



STEPS



Howtobuildawall

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 approx 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 INTERLINK
Place units onto base with every second block a half height. This will form the sheer bond. If the wall 700mm or higher an initial half block offset to the front of the wall is required (See Image).

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

Fill all the cores of the blocks with 10 - 20mm clean, free drainage material. Once all cores have been filled, back fill behind the wall using the same 10 - 20mm clean, free drainage material. Back fill behind the wall using 10 - 20mm clean, free drainage material. Maintain high compaction rate on backfill material.

STEP 6 LAYING CAPPING UNITS

Fit the capping units 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

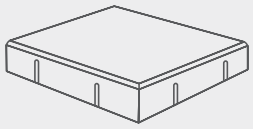
A range of 40mm pavers that brings you affordable quality & style, suitable for courtyards, entertaining areas, pathways, patios and pool surrounds. Suitable for driveways if laid on a concrete base.

SUITABLE FOR	
Court Yards	
Footpaths	
Pools	

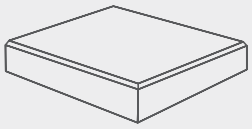
Product Features

- Bevels on four sides creates smart & neat look
- Easy to handle
- Range of dimensions and colours to suit your preference or use in a combination to create patterns

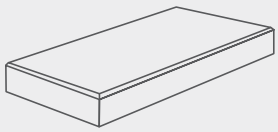
> "...the reliability and customer service was excellent."
>
> Brent,
> Sunshine Coast



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



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



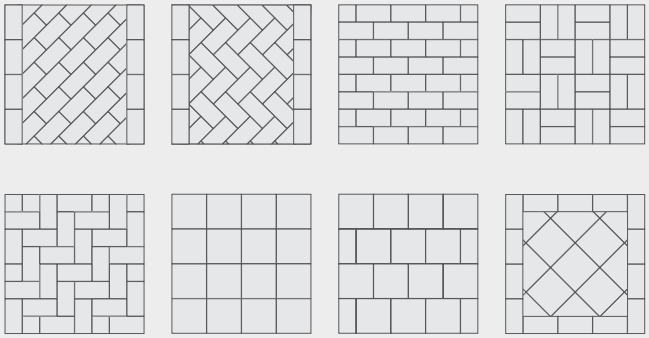
SIERRA®
400 x 200 x 40mm
No. per m²: 12.5

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

ADRA™
200 x 100 x 40mm
No. per m²: 50

LeMode® - CENTRO® Charcoal

PATTERNS



LeMode® - ADRA™
Pebble with Ivory border

Canyon

Charcoal

Ivory

Pebble

Sandstone

LEDA & CENTRO ONLY
Fraser Coral

LEDA ONLY
Mocha Ash

LeMode® - ADRA™ Pebble

MaxiPave®

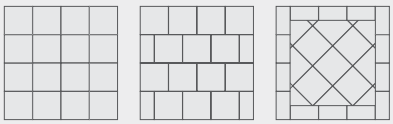
This large square format paver creates an elegant look for all landscaping projects and is priced to suit a moderate budget.

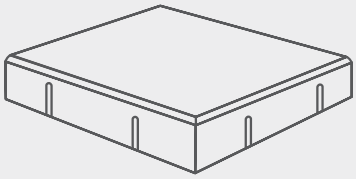
SUITABLE FOR
Court Yards
Footpaths
Pools

Product Features

- 50mm thick for added strength and durability
- Great option for stepping stones

PATTERNS





MaxiPave®
400 x 400 x 50mm
No. per m²: 6.25

Sandstone

Charcoal

Pebble

Canyon

Fraser Coral

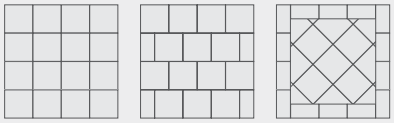
MaxiPave® - Fraser Coral

SUITABLE FOR
Court Yards
Footpaths
Pools
Domestic Driveways

EasyPave

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

PATTERNS



Product Features

- Large format driveway safe paver
- Bevels on all 4 edges creating a smart and neat look
- Easy to handle

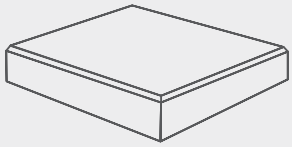
Sandstone

Pebble

Charcoal

Fraser Coral

Canyon



EasyPave
300 x 300 x 50mm
No. per m²: 11.1

EasyPave - Charcoal

Bevel**Line**

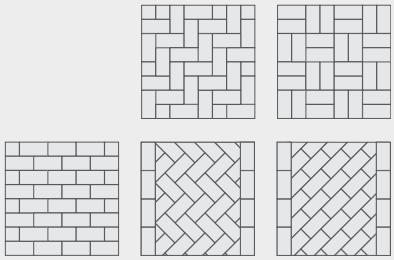
Unique and durable, these pavers can be used in a number of patterns to create a distinctive cobblestone effect. If you are seeking a low maintenance option for your paving project... these tick all the boxes.

Product Features

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

SUITABLE FOR
Court Yards
Footpaths
Pools
Domestic Driveways

PATTERNS



BevelLine
230 x 115 x 53mm
No. per m²: 38

Charcoal

Canyon

Bevel**Line** - Canyon

Howto**lay**pavers

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.

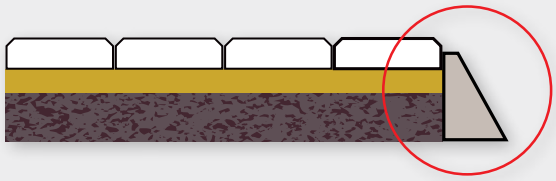
STEP 5 START PAVING

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.

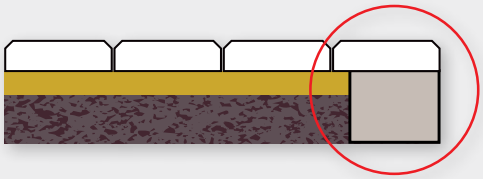
STEP 6 EDGING

Unless you 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.

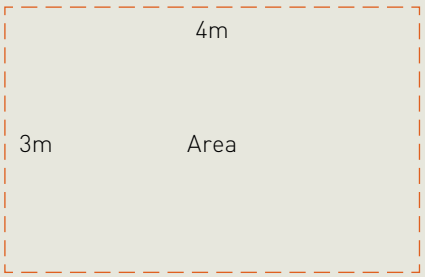
STEP 8 PACK IT IN

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.

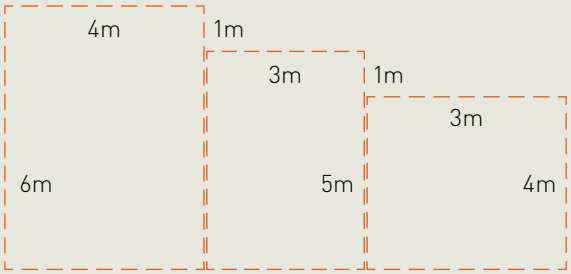
Paving
Handy Hints

QUANTITIY 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 (m^2) for basic square or rectangular spaces (m=metres).



4m x 3m = $12m^2$

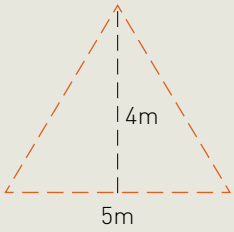


Area Total (4m x 6m) + (3m x 5m) + (3m x 4m) = $51m^2$

For triangular area:

½ x base (m) x height (m) = area (m^2)

e.g. ½ x 5m x 4m = $10m^2$



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

ESTIMATING MATERIALS REQUIRED

A base layer of road base should be laid across the whole are. To a total depth of between 100 to 150mm for driveways and 50 to 80mm for pathways.

Bottom Layer: ROAD BASE

You'll need road base if you want a firm foundation for the paving. Particularly if you're doing a driveway. 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.

_____ m^2 (area) x 0.1 = _____m^3
ROAD BASE

Middle Layer: BEDDING SAND

The next step is to lay bedding sand evenly over the area to a depth of 40mm. 1 cubic metre will cover approximately $20m^2$ to a depth of 40mm.

_____ m^2 x 0.04 = _____ m^3
BEDDING SAND (The area your are paving) to a depth of 40mm.

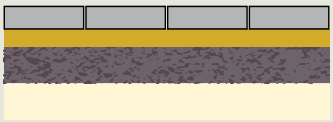
Top Layer: PAVER JOINT FILLING SAND

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 m^2 at the recommended 2-3mm gap.

Restraining Edge: Prebagged 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 = _____m^3
CONCRETE BLEND (Length of restraint are you'll need around paved area)

_____ m^3 x 6 = _____
BAGS OF CEMENT (Concrete blend)



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

Maintaining your outdoor project
Prevention is better than 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 Klen International - www.klen.com.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.

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 (Klen International product) – Read suppliers instructions before use.

COLOUR VARIATION

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

More Apex Products

Grey Block
Product Guide

BayRidge
Collection

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 elements of your project together to reduce the possibility of colour variation. We do not guarantee different batches will be the same colour.

Your Nearest Retailer

Apexmasonry
Building Value

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a 17 Industrial Avenue, Maryborough QLD 4650
e sales@apexmasonry.com.au
w **apexmasonry.com.au**

Issue 2

VILLASTONE

enhancing your outdoor living