

TAS | RETAINING WALL

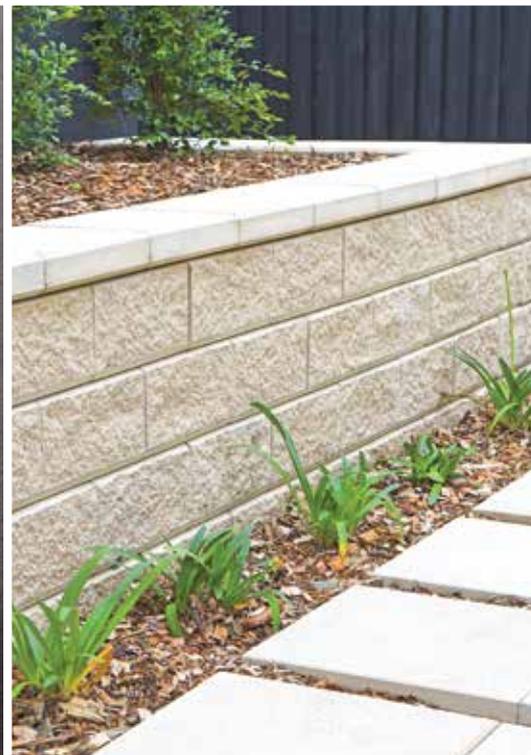
LANDSCAPE SOLUTIONS

# AUSTRALIA'S LEADING MASONRY MANUFACTURER

From making better use of sloped land to simple garden edging, Adbri Masonry has a retaining wall for every application. This selection guide contains information, helpful hints and insights which will help you with your next retaining wall project.

Retaining walls are a key element to any outdoor area, helping set the tone of space through bold feature walls, or even by simply framing garden areas. Working seamlessly with Adbri Masonry's paving solutions, our range of retaining walls are as practical as they are visually appealing.

Whether it is making better use of precious space or crafting new areas for planting your green creations, Adbri Masonry will have the perfect retaining wall solution for your next project.



## 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 landscaper 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

Create depth and character in your garden

ENTERTAINING AREA



Create depth and character in your garden

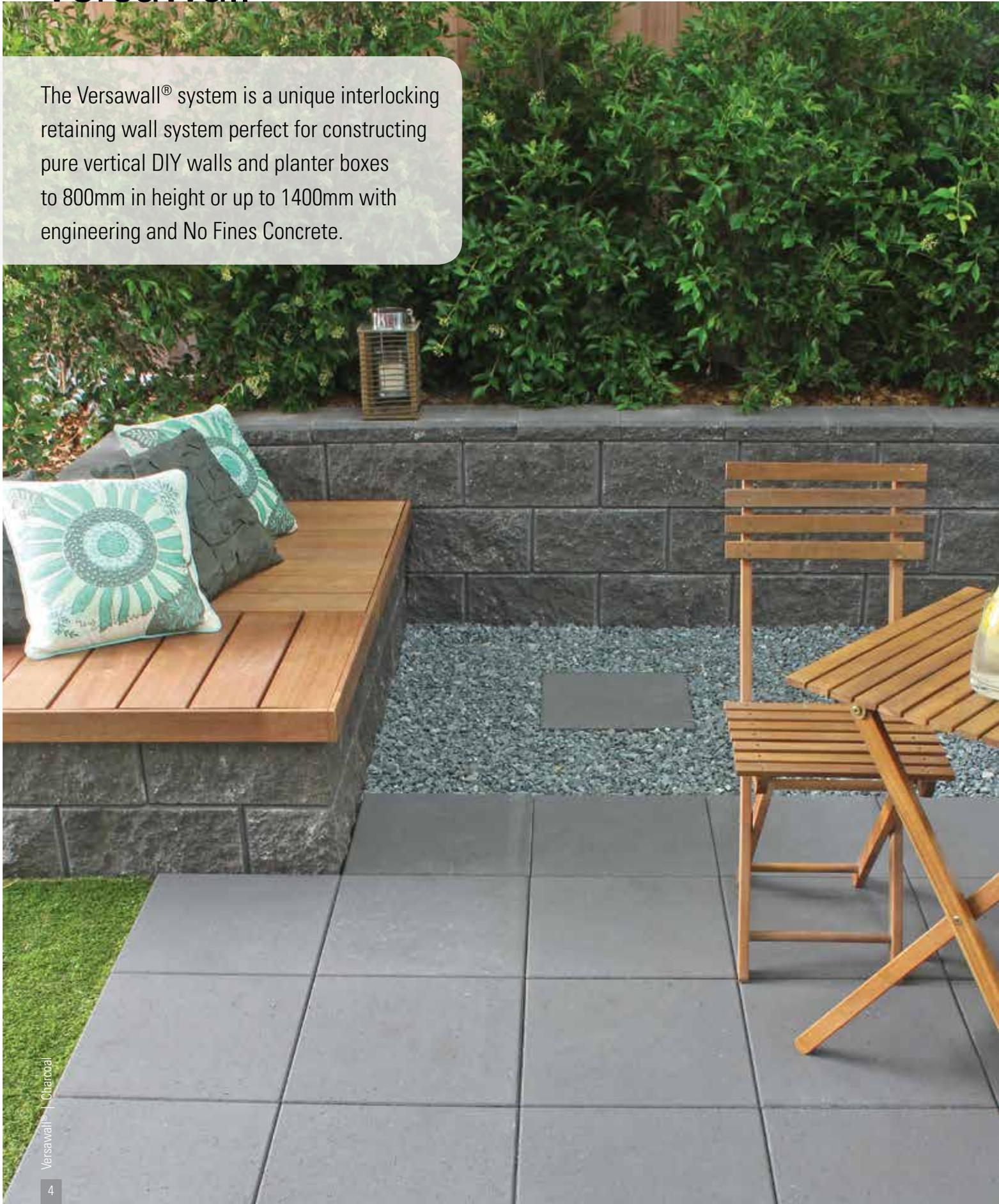
GARDEN WALL

For the full range of my hints, tips and DIY videos visit us at [adbrimasonry.com.au/diy](http://adbrimasonry.com.au/diy)



# Versawall®

The Versawall® system is a unique interlocking retaining wall system perfect for constructing pure vertical DIY walls and planter boxes to 800mm in height or up to 1400mm with engineering and No Fines Concrete.



RECOMMENDED FOR



Garden Steps



Landscaped Wall



Engineered Wall



Vertical Walls



Versawall® | Oatmeal

AVAILABLE SIZES



Versawall® Standard Unit  
12.5 units per m<sup>2</sup>



Versawall® Corner Unit  
left and right corner available



Versawall® Cap  
3.3 units per l/m

*Maximum non reinforced height 800mm+Cap (4 courses)  
or up to 1400mm with No Fines Concrete*



COLOUR OPTIONS

OATMEAL



SUNSTONE



CHARCOAL

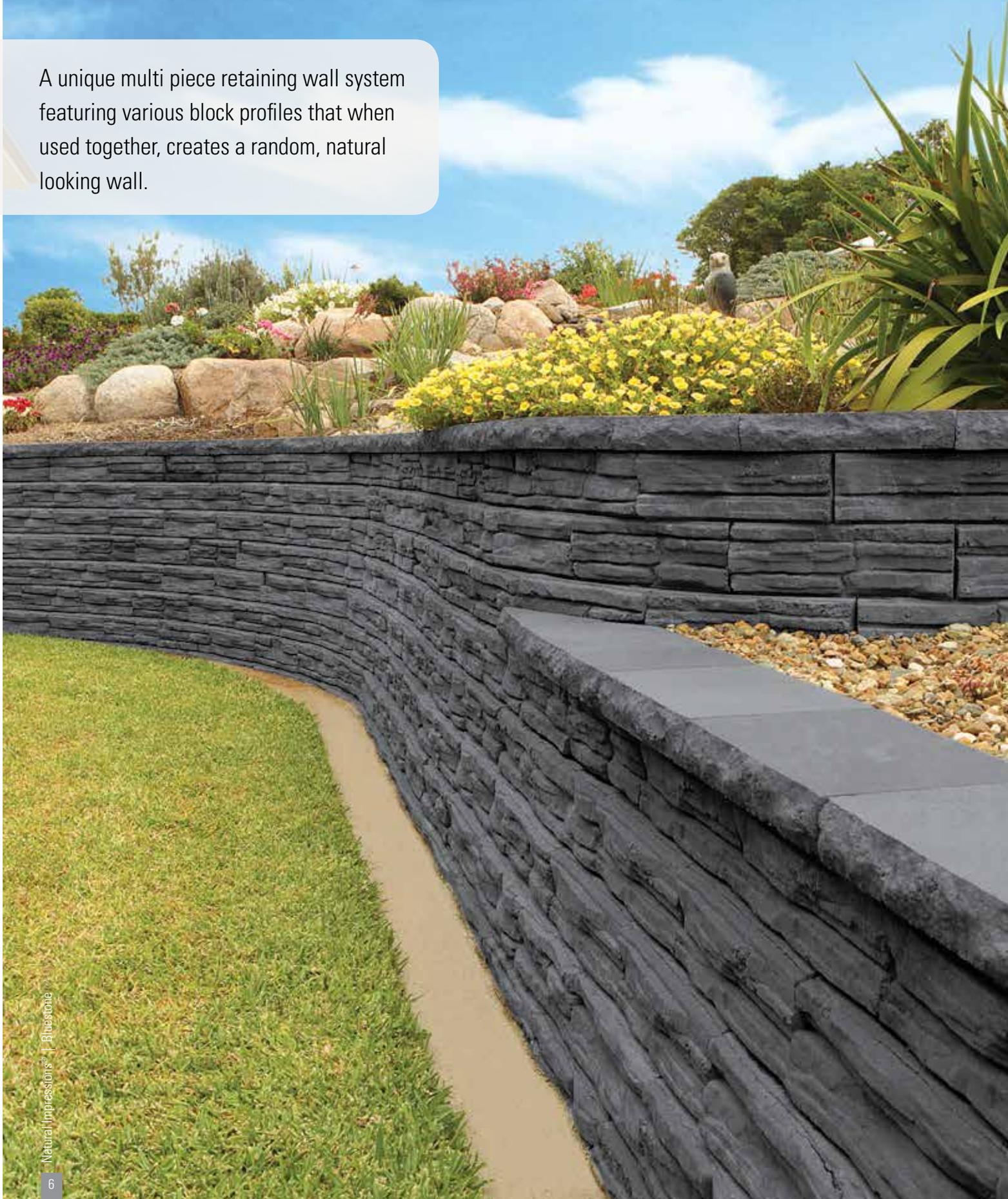


Due to natural variations in raw materials used, colour tones may vary from batch to batch.

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

# Natural Impressions® Flagstone

A unique multi piece retaining wall system featuring various block profiles that when used together, creates a random, natural looking wall.



RECOMMENDED FOR



Curved walls



Garden Edging



Landscaped Wall



Engineered Wall



Set Back Walls



AVAILABLE SIZES



Natural Impressions® Flagstone Block  
33.3 units per m<sup>2</sup>



Natural Impressions® Flagstone Cap  
3.33 units per l/m

*Maximum non-reinforced height 700mm + cap (7 courses)*



COLOUR OPTIONS

BLUESTONE



SANDSTONE



IRONSTONE



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# Natural Impressions® Duostone

Duostone is a designer garden wall ideal for edging and retaining walls.

The unique block profile features a contrast of a natural stone-like texture and a contemporary, smooth surface resulting in finished walls that boast a modern architectural appeal.

RECOMMENDED FOR



Straight Walls



Curved Walls



Garden Beds



Steps



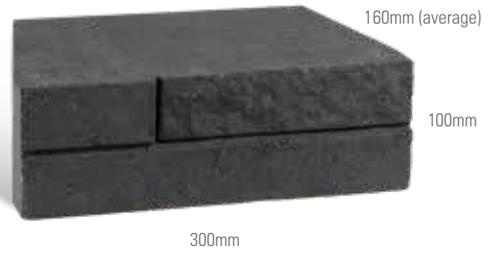
Set Back Walls



Garden Edging



AVAILABLE SIZES



Natural Impressions® Duostone  
33.33 units per m<sup>2</sup>



Natural Impressions® Duostone Cap  
3.33 units per m<sup>2</sup>

Maximum unreinforced height 700mm plus cap (7 courses)



COLOUR OPTIONS

GRAPHITE



ASH

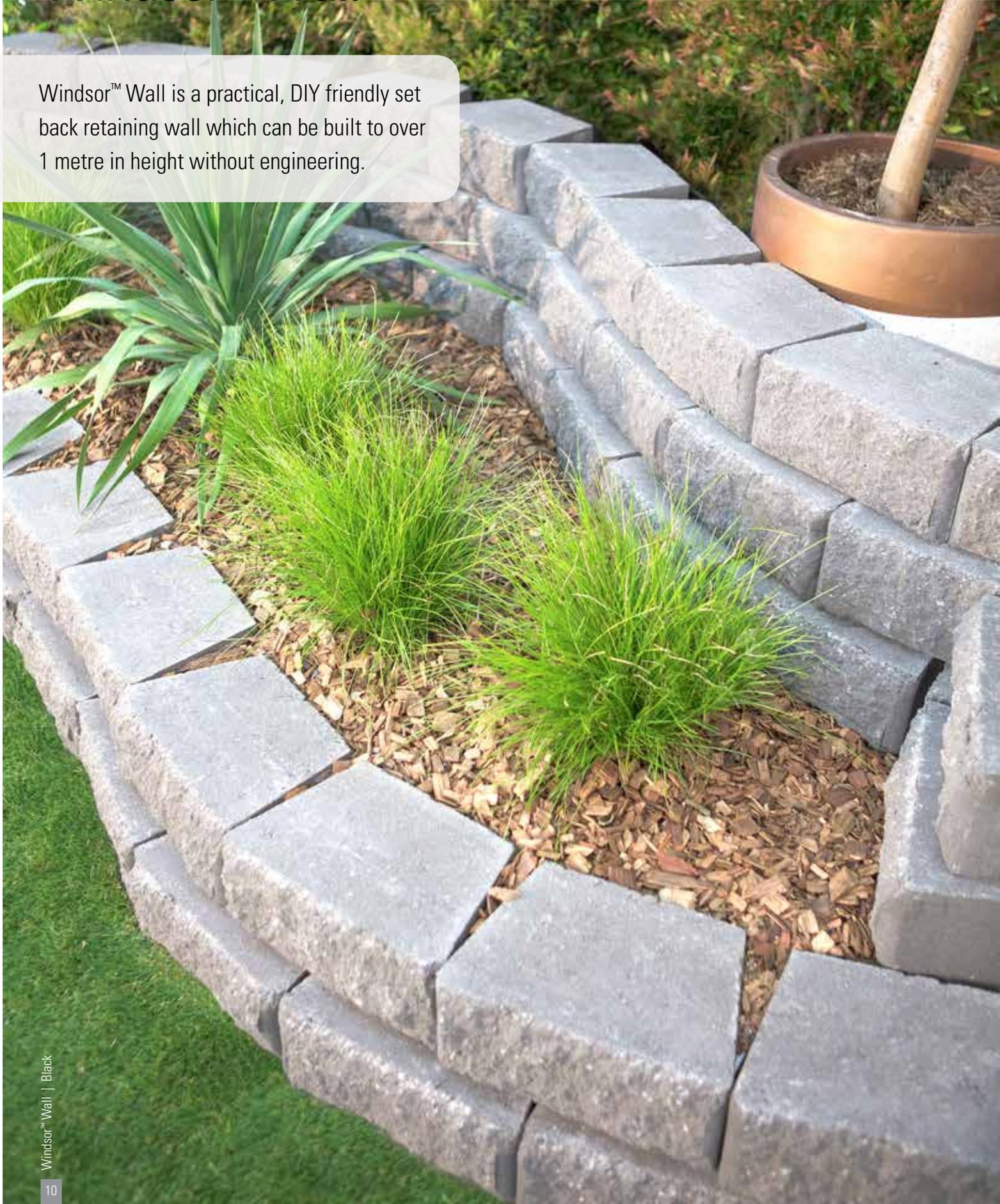


Due to natural variations in raw materials used, colour tones may vary from batch to batch.

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# Windsor™ Wall

Windsor™ Wall is a practical, DIY friendly set back retaining wall which can be built to over 1 metre in height without engineering.



RECOMMENDED FOR



Curved Walls



Garden Steps



Landscaped Wall



Engineered Wall



Setback Walls



Windsor™ Wall | Black

AVAILABLE SIZES



Windsor™ Wall  
25.6 units per m<sup>2</sup>

*Maximum non reinforced height 1040mm (8 courses)*



COLOUR OPTIONS

OATMEAL



SUNSTONE



BLACK



Due to natural variations in raw materials used, colour tones may vary from batch to batch.

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

# Versastone®

Add depth, dimension and enviable aesthetics to your garden with the architecturally inspired shot blast face surface texture of Versastone® wall blocks.



RECOMMENDED FOR



Garden Steps



Engineered Wall

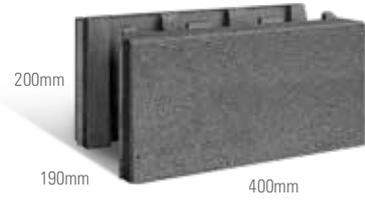


Vertical Walls



Versastone® | Charcoal

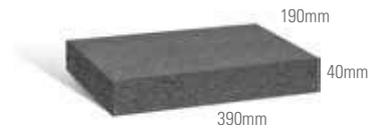
AVAILABLE SIZES



Versastone® Standard Unit  
12.5 units per m<sup>2</sup>



Versastone® Corner Unit  
Left and right corner available



Versastone® Capping Unit  
2.5 units per l/m

*Maximum non reinforced height 600mm+Cap (3 courses)  
or up to 1200mm with No Fines Concrete*



COLOUR OPTIONS

CHARCOAL



NATURAL



Due to natural variations in raw materials used, colour tones may vary from batch to batch.

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

# Canterbury

Canterbury is a fantastic DIY product ideal for creating straight garden edges or planter boxes.

RECOMMENDED FOR



Curved walls



Garden Edging



Garden Steps



Landscaped Wall



Engineered Wall

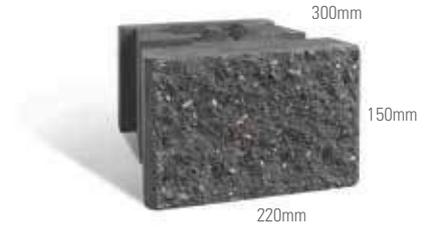


Vertical Walls



Canterbury | Maria

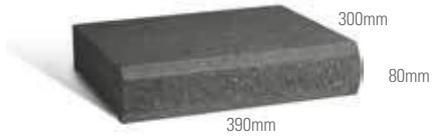
AVAILABLE SIZES



Canterbury Standard  
30 units per m<sup>2</sup>



Canterbury Corner



Canterbury Cap  
2.56 units per l/m

Maximum non reinforced height 900mm + Cap (6 courses)



COLOUR OPTIONS

BLACK



Canterbury is made to order product available in Black.

Minimum quantities and lead times apply.

Due to natural variations in raw materials used, colour tones may vary from batch to batch.

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

RECOMMENDED FOR



Garden Edging

# Border Stone™



Border Stone | Terracotta

## AVAILABLE SIZES



Border Stone™  
4.8 units per l/m

*Maximum non reinforced height 300mm+Cap (3 courses)*



## COLOUR OPTIONS

OATMEAL



SUNSTONE



CHARCOAL



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# Lawn Edge



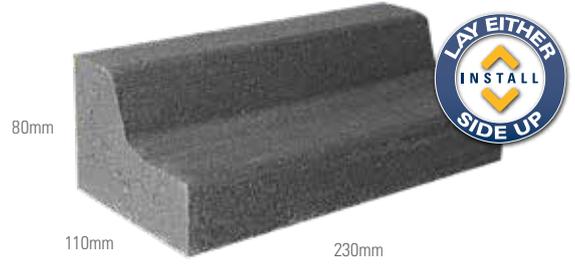
Lawn Edge | Charcoal

RECOMMENDED FOR



Garden Edging

AVAILABLE SIZES



Lawn Edge  
4.35 units per l/m

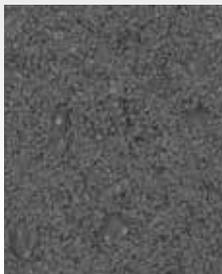


## COLOUR OPTIONS

OATMEAL



CHARCOAL



Due to natural variations in raw materials used, colour tones may vary from batch to batch.

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

# Torpedo™ Base Block



'Get your retaining wall base right the first time everytime with Torpedo™'

*Jason Hodges | Landscaping Expert*

RECOMMENDED FOR

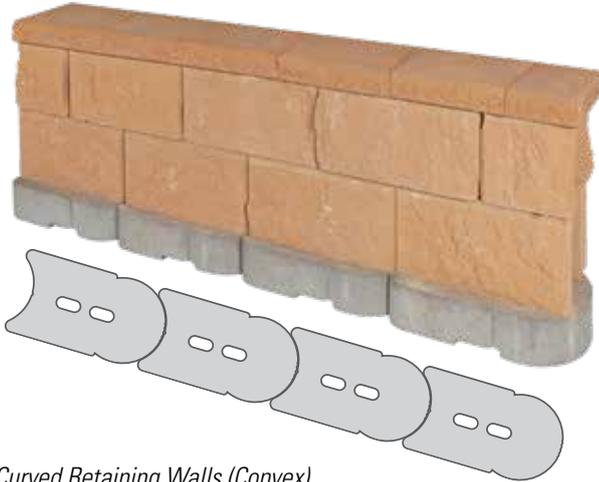


Retaining Wall base

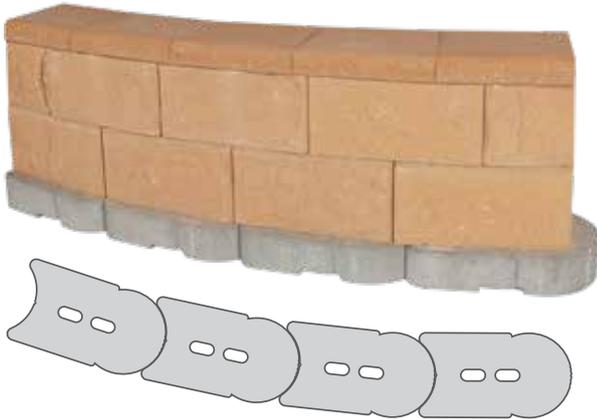
**USING TORPEDO™ BASE BLOCK IN YOUR PROJECT**

Torpedo™ Base Blocks sit under your retaining wall blocks and increase installation speed while providing a DIY friendly base.

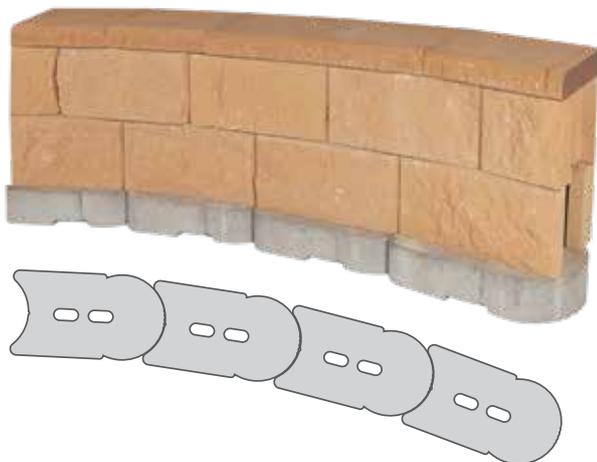
*Straight Retaining Walls*



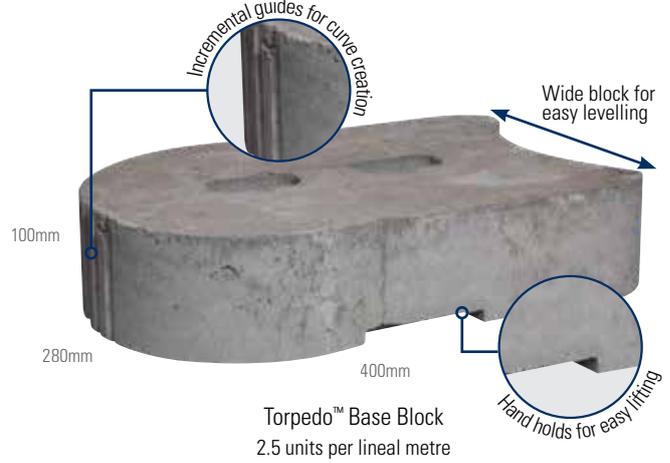
*Curved Retaining Walls (Convex)*



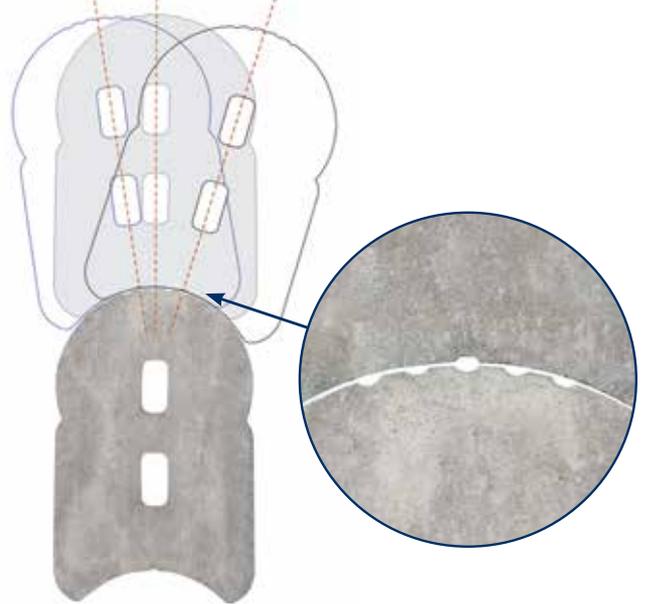
*Curved Retaining Walls (Concave)*



DIMENSIONS



2.4m Radius Guide Centre Guide 1.2m Radius Guide



**PRODUCT FEATURES**

- ✓ Torpedo™ Base Blocks may replace the need for roadbase and compaction in unreinforced walls\*
- ✓ Saves money usually wasted burying the first course
- ✓ Torpedo™ base blocks reduce challenges with screeding and levelling
- ✓ Suitable for use under any segmental block wall system

\*The need for compaction and roadbase will be determined by the site soil conditions which must be determined prior to construction.

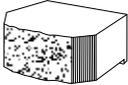
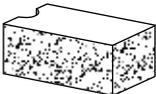
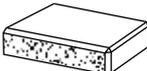
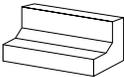
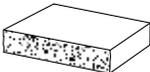
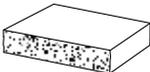
**COLOUR OPTIONS**



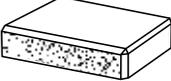
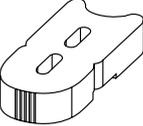
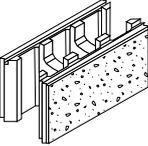
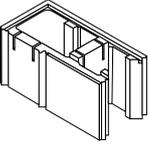
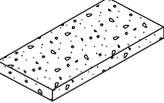
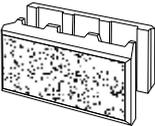
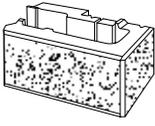
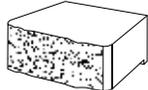
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# RETAINING WALL RANGE

Products	Range	Size (mm) l x d x h	No. per m <sup>2</sup>	No. per tonne	No. per pallet	Colours
	Border Stone	210 x 145 x 100	4.8 L/m	167	288	Oatmeal Sunstone Charcoal Terracotta
	Canterbury Standard	220 x 300 x 150	30	63	100	Black  Canterbury is a made to order product available in Black. Minimum quantities and lead times apply)
	Canterbury Corner	300 x 187 x 150	-	45	132	
	Canterbury Cap	390 x 300 x 80	2.56 L/m	54	72	
	Lawn Edge	230 x 80 x 110	4.35 L/m	345	280	
	Natural Impressions® Flagstone	300 x 160 (average) x 100	33.33	106	144	Bluestone Ironstone Sandstone
	Natural Impressions® Flagstone Cap	300 x 200 x 50	3.33 L/m	168	216	
	Natural Impressions® Duostone	300 x 160 x 100	33.33	103	168	Graphite Ash
	Natural Impressions® Duostone Cap	300 x 200 x 50	3.33	151.7	216	Bluestone Sandstone Graphite Ash

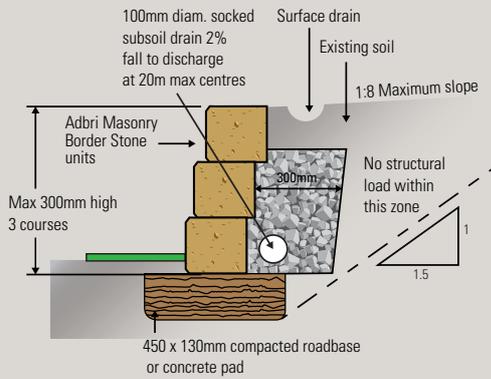
For maximum non reinforced wall heights please refer to cross sections on page 22-23

Products	Range	Size (mm) l x d x h	No. per m <sup>2</sup>	No. per tonne	No. per pallet	Colours
	Universal Cap	390 x 300 x 80	2.56 L/m	54	72	
	Torpedo™ Base Block	400 x 280 x 100	2.5 L/m	47	72	Natural
	Versastone® Standard Unit	400 x 190 x 200	12.5	65.5	90	
	Versastone® Corner Unit	390 x 190 x 200	-	65	72 (36L/36R)	Charcoal Oatmeal
	Versastone® Capping Unit	390 x 190 x 40	2.5 L/m	142	216	
	Versawall® Standard Unit	400 x 215 x 200	12.5	47.6	60	
	Versawall® Corner Unit	390 x 215 x 200	-	47.6	60 (30L/30R)	Charcoal Sunstone Oatmeal
	Versawall® Cap	300 x 250 x 50	3.3L/m	104	144	
	Windsor™ Wall	295 x 203 x 130	25.6	72	120	Oatmeal Sunstone Terracotta Black

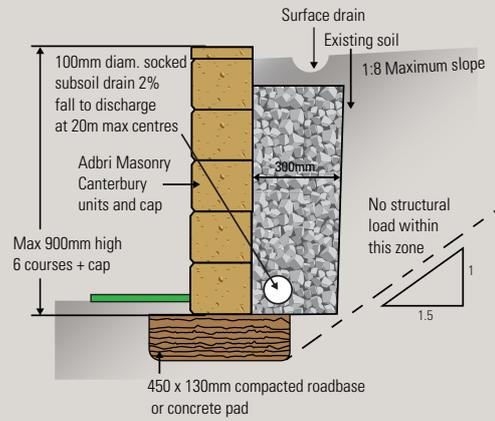
For maximum non reinforced wall heights please refer to cross sections on page 22-23

# TYPICAL CROSS SECTIONS

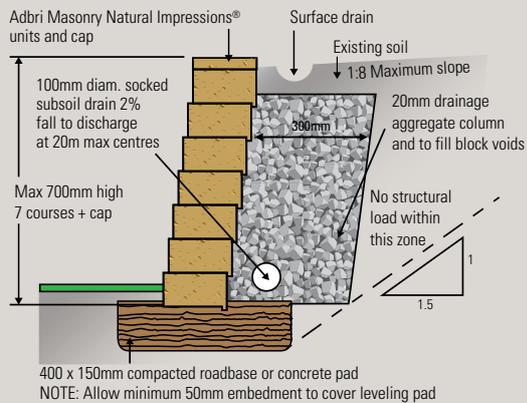
## BORDER STONE™ CROSS SECTION



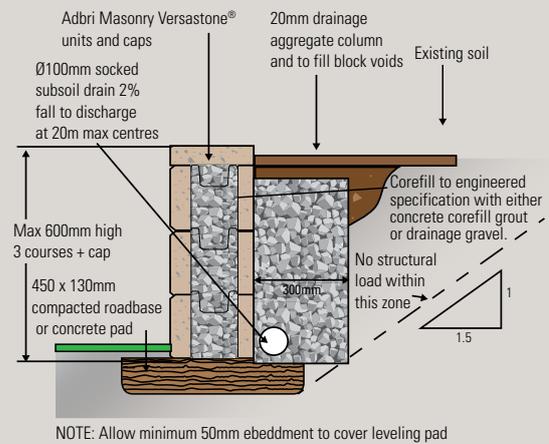
## CANTERBURY CROSS SECTION



## NATURAL IMPRESSIONS® CROSS SECTION



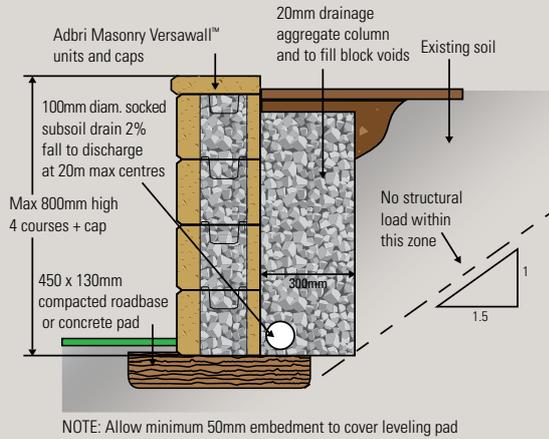
## VERSASTONE® CROSS SECTION



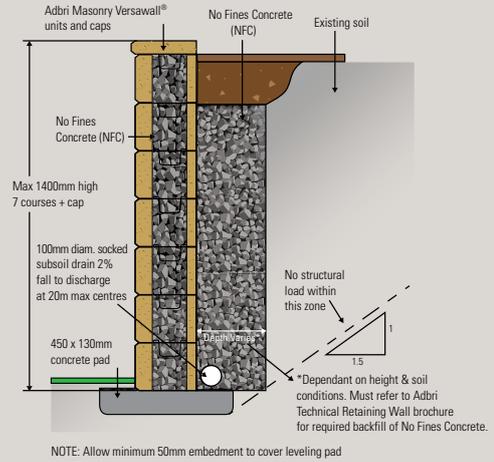
## NOTES

- All cross sectional diagrams are not to scale
- All retaining walls are designed to CMAA document .MA53 (Segmental Concrete Gravity Retaining Walls Design and Construction Guide).
- All retaining walls shall comply with AS 4678 Structure Classification A.
- These diagrams are only applicable to retaining walls that incorporate an impermeable surface membrane and drainage system such that there can be no ingress of any water into the soil behind the retaining wall.
- These diagrams are applicable to cuts in situ soils. The diagrams are not applicable to cohesive fill.

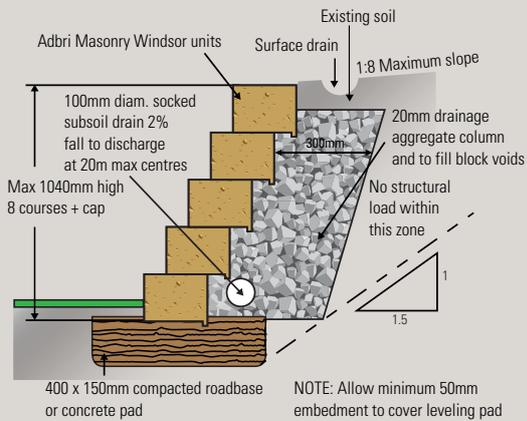
## VERSAWALL® CROSS SECTION



## VERSAWALL® NO FINES CONCRETE CROSS SECTION



## WINDSOR™ WALL CROSS SECTION



## NOTES CONT.

- All retaining walls are designed for an imposed surcharge load of 2.5 kPa. If imposed loads greater than 2.5 kPa are expected, these designs will not be appropriate.
- Levelling pad: a levelling pad may consist of compacted material (5% cement stabilised crushed rock) for wall heights up to 800mm. Walls over 800mm high must use 20MPa concrete for the leveling pad.
- This design information is a guide only. For walls exceeding the nominated heights as above, please refer to the Retaining Wall Systems Technical Brochure. Walls exceeding maximum heights shown will need to be designed and certified by a qualified engineer. Please consult your local council to confirm if you require council approval for your proposed retaining wall.

# DIY with Adbri

## 1 CHOOSE PRODUCT



Select a retaining wall product by browsing through this catalogue or searching online at [adbrimasonry.com.au](http://adbrimasonry.com.au)

## 2 CALCULATE QUANTITY



Calculate the amount of retaining wall blocks you require with our easy online calculator. Visit [adbrimasonry.com.au](http://adbrimasonry.com.au)



**Order 5% more for every retaining wall project to account for cuts and breakages.**



# 3 Simple Steps ...

## 3 BUILD YOUR WALL



### STEP BY STEP GUIDES

For a complete step by step set of laying instructions including pdf download visit the brochure download section of our website at [adbrimasonry.com.au/homeowners/brochure-download](http://adbrimasonry.com.au/homeowners/brochure-download)

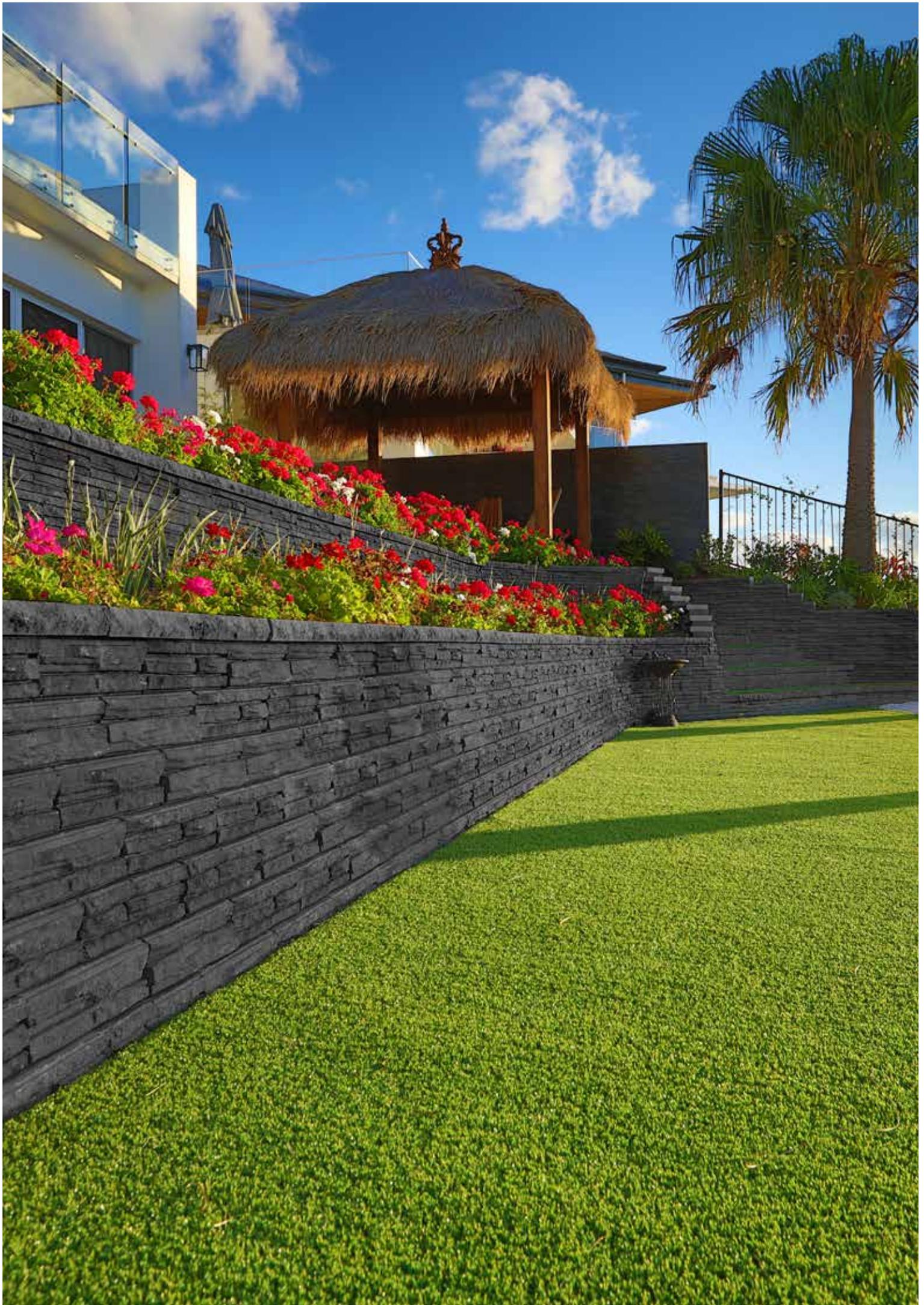
### DIY VIDEOS

Alternatively learn from the expert Jason Hodges using our project specific DIY videos at [adbrimasonry.com.au/jason-hodges-diy-videos](http://adbrimasonry.com.au/jason-hodges-diy-videos)



For DIY videos, hint and tips as well as more inspirational galleries visit [adbrimasonry.com.au](http://adbrimasonry.com.au)  
Let's do a project today!









BRICKS



BESSER® BLOCKS



PAVERS



RETAINING WALLS

### Contact Us



[adbrimasonry.com.au](http://adbrimasonry.com.au)



1300 365 565



[enquiries@adbri.com.au](mailto:enquiries@adbri.com.au)

**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](http://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.

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Retaining Wall Landscape Solutions

TAS - October 2019

ABM4040

Adbri Masonry Pty Ltd

ABN: 31 009 687 521

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working together