

STH OLD | 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.

A handwritten signature in black ink that reads "Jason Hodges".

Jason Hodges | Landscaping Expert



# ADD VALUE TO YOUR PLACE THIS WEEKEND

Create depth and character  
in your garden

GARDEN WALL



Get more out of  
your outdoor space

COURTYARD

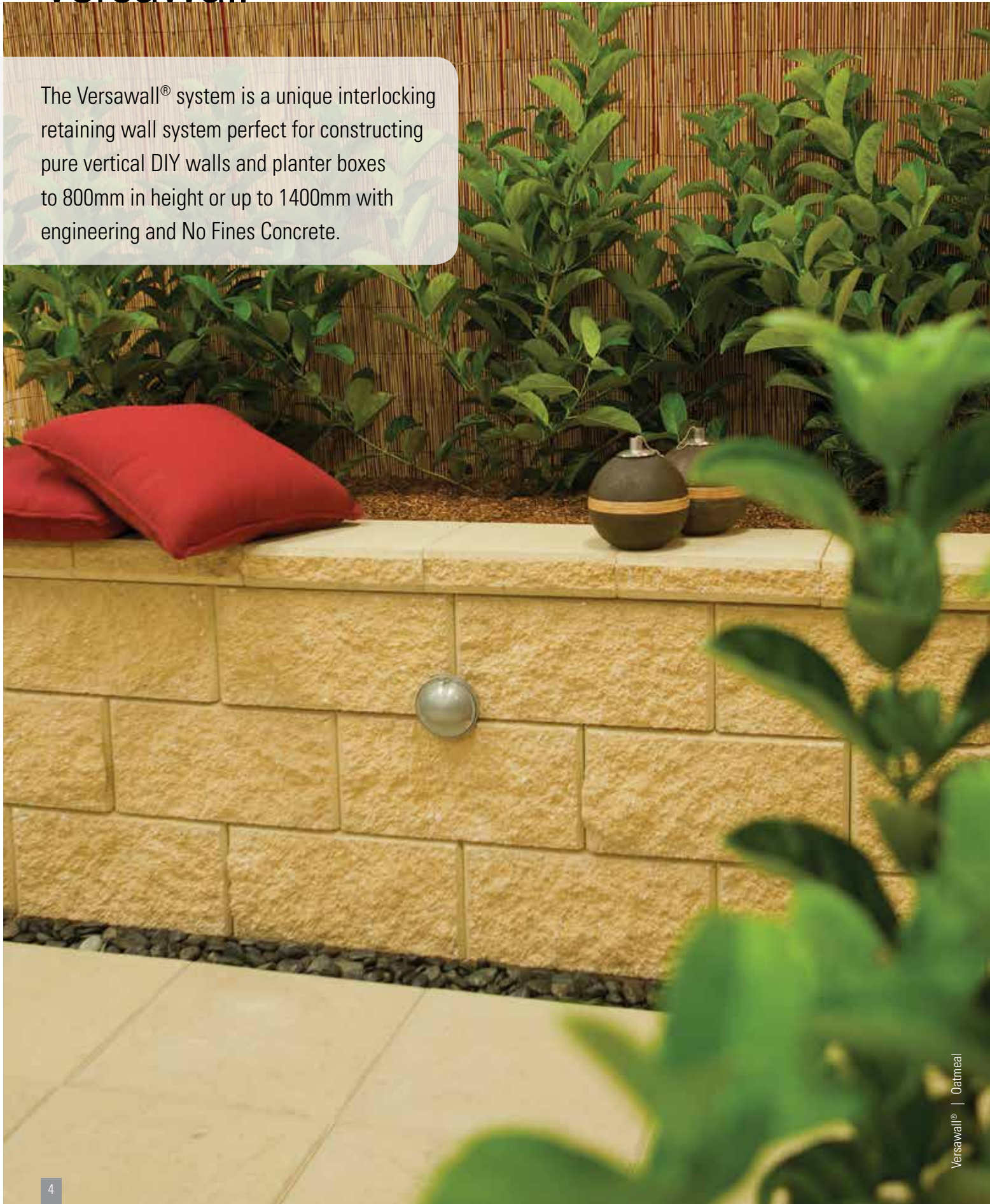
For the full range of my hints, tips and DIY videos scan the  
QR code or visit us at [adbrimasonry.com.au/diy](http://adbrimasonry.com.au/diy)





# 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



Engineered Wall



Vertical Walls



Versawall® | Charcoal

AVAILABLE SIZES



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



Versawall® Corner Unit



Versawall® Cap  
3.33 units per l/m

Maximum non reinforced height 800mm+Cap (4 courses)  
or up to 1400mm with no fines concrete



For more inspirational imagery  
scan the QR code or visit  
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COLOUR OPTIONS

OATMEAL



SUNSTONE



CHARCOAL



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 five block profiles that when used together, creates a random, natural looking wall.





RECOMMENDED FOR



Curved walls



Garden Edge



Garden Steps



Engineered Wall



Set Back Walls

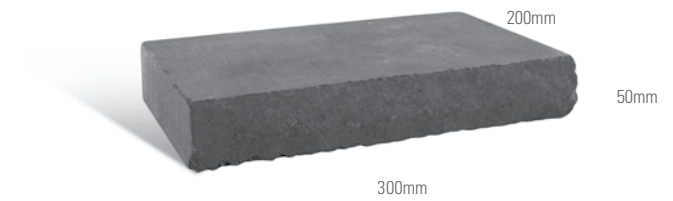


Natural Impressions® Flagstone | Bluestone

AVAILABLE SIZES



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



Natural Impressions®  
Flagstone Cap  
3.33 units per 1/m

*Maximum non reinforced height 800mm + cap (8 courses)*



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COLOUR OPTIONS

BLUESTONE



SANDSTONE



IRONSTONE



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# Windsor™



Windsor™ | Sunstone

## RECOMMENDED FOR



Curved walls



Garden Edge



Garden Steps



Engineered Wall



Set Back Walls

## AVAILABLE SIZES



Windsor™ Block  
26 units per m<sup>2</sup>

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



For more inspirational imagery  
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## COLOUR OPTIONS

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OATMEAL



SUNSTONE



TERRACOTTA



FOSSIL



CHARCOAL





# Border Stone



Border Stone | Charcoal

## RECOMMENDED FOR



Curved Walls



Garden Edge



Set Back Walls

## AVAILABLE SIZES



Border Stone  
4.65 units per 1/m

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



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## COLOUR OPTIONS

OATMEAL



SUNSTONE



TERRACOTTA



CHARCOAL



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RECOMMENDED FOR



Curved walls



Garden Steps



Engineered Wall



Set Back Walls

# Meadow Stone



Meadow Stone | Blue Mountain

AVAILABLE SIZES



Meadow Stone 150mm Unit\*  
16.6 pairs per m<sup>2</sup>



Meadow Stone 250mm Unit\*  
16.6 pairs per m<sup>2</sup>

*\*150mm and 250mm units sold as a pair*



Meadow Stone 400mm Unit  
16.6 units per m<sup>2</sup>



Meadow Stone Cap  
3.3 units per l/m

*Maximum non reinforced height 750mm+Cap (5 courses)*



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COLOUR OPTIONS



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RECOMMENDED FOR



Engineered Wall



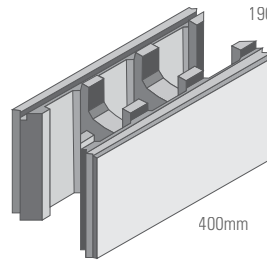
Vertical Walls

# Versaloc®

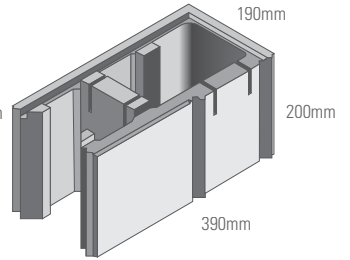


Versaloc® | Natural

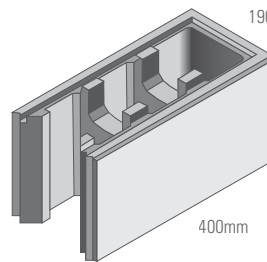
AVAILABLE SIZES - 200 Series



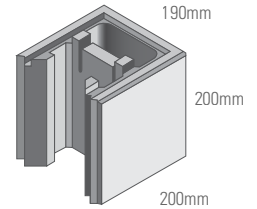
Versaloc® Standard Unit  
12.5 pairs per m<sup>2</sup>



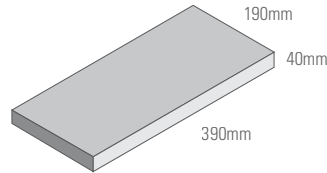
Versaloc® RH Corner Unit  
(LH corner also available)  
(LH and RH Units sold as a pair)



Versaloc® End Unit  
(Sold as pair with Half End Units)



Versaloc® Half End Unit  
(Sold as pair with End Units)



Versaloc® Cap  
2.56 per l/m

Maximum non reinforced height 600mm + cap (3 courses)



For more inspirational imagery  
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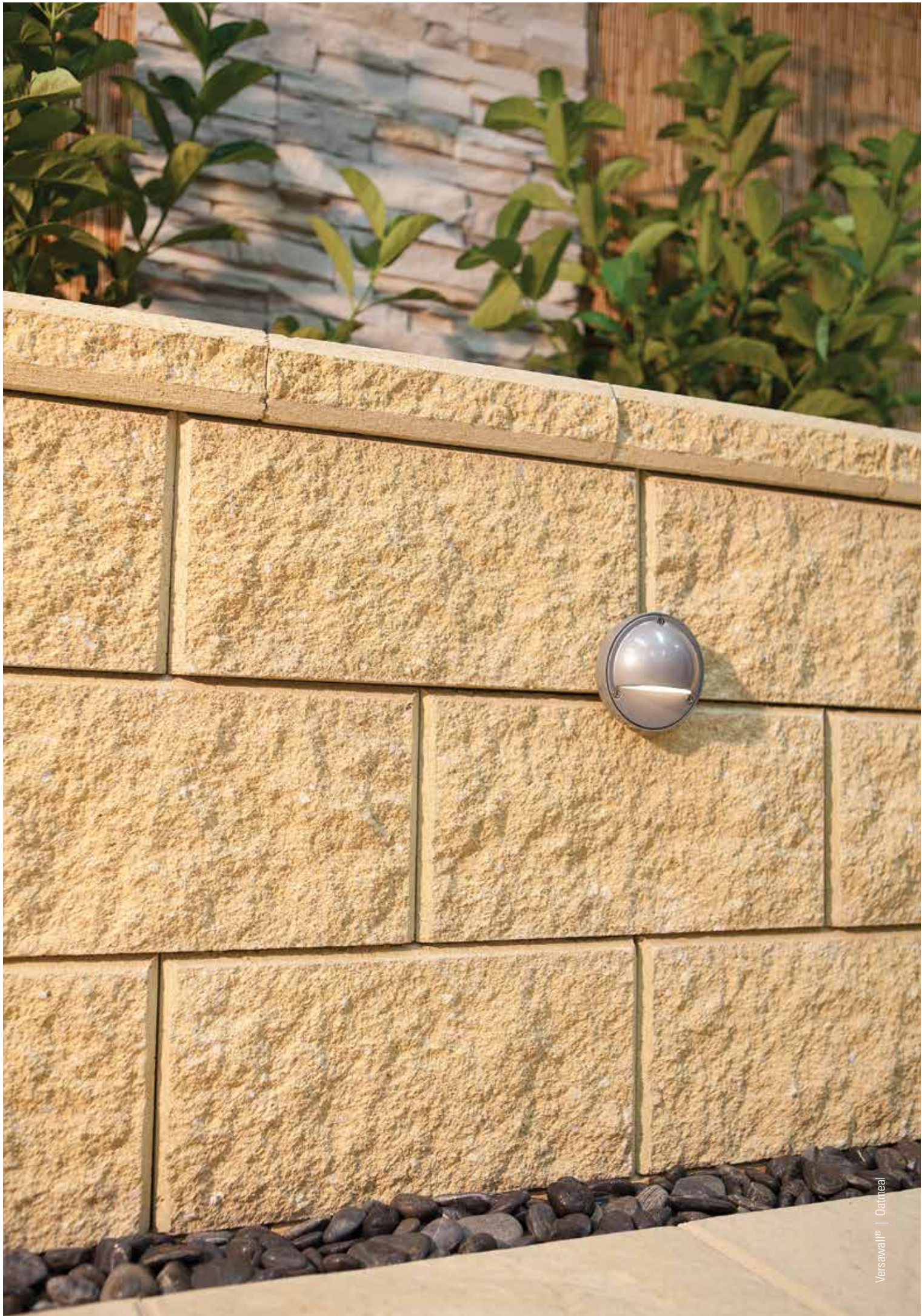


COLOUR OPTIONS



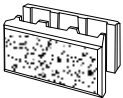
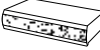
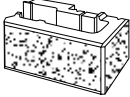

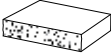
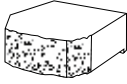




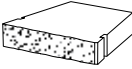
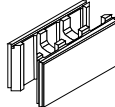
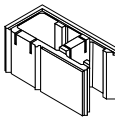
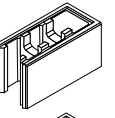
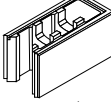

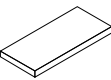
Whilst these swatches provide a good indication of the products colour, you should always sight product samples before use.







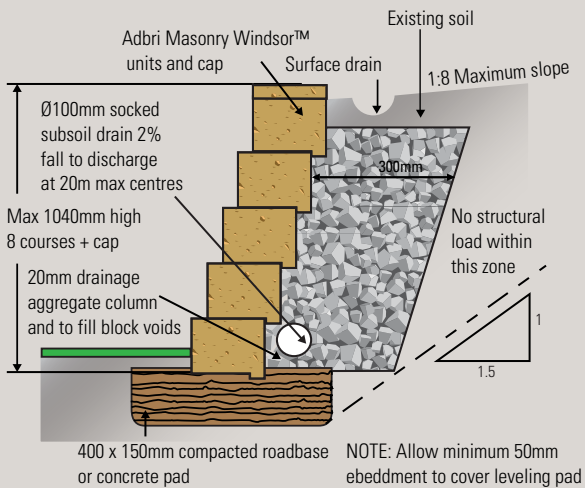
# RETAINING WALL RANGE

Products	Type	Size (mm) w x h x d	No. per m <sup>2</sup>	Approx. unit weight (kg)	No. per pallet	Colours
	Versawall®	400 x 200 x 215	12.5	21.0	60	Charcoal Oatmeal Sunstone
	Universal Cap	300 x 60 x 250	3.33 L/m	9.6	144	
	Versawall® Corner Unit	390 x 200 x 215/190	-	21.0	60 30L, 30R	
	Natural Impressions® Flagstone	300 x 100 x 175	33.33	10.58	144	Ironstone Bluestone Sandstone
	Natural Impressions® Flagstone Cap	300 x 50 x 200	3.33 L/m	6.59	216	
	Windsor	295 x 130 x 203	26	12.4	120	Charcoal Fossil Oatmeal Sunstone Terracotta
	Border Stone	215 x 100 x 140	4.65 L/m	5.6	240	Charcoal Oatmeal Sunstone Terracotta
	Meadow Stone (The Meadow Stone 150 and 250 units are sold as a pair)	150 x 150 x 200	8.3 pairs and 8.3 full units	23 per pair	60 pairs	Bondi Sand Blue Mountain
		250 x 150 x 200		20.7		
		400 x 150 x 200		6.99		
	Meadow Stone Cap	300/230 x 60 x 200	3.8 L/m	6.99	168	
	Versaloc®	400 x 200 x 190	12.5	15.56	72	Natural
	Versaloc® RH Corner Unit <i>(sold as a pair with LH Unit)</i>	390 x 200 x 190	N/A	15.35	72 (36 Right, 36 Left)	
	Versaloc® LH Corner Unit <i>(sold as a pair with RH Unit)</i>	390 x 200 x 190	N/A	15.35	72 (36 Right, 36 Left)	
	Versaloc® End Unit	400 x 200 x 190	N/A	17.09	96 (48 Full, 48 Half)	
	Versaloc® Half End Unit	200 x 200 x 190	N/A	9.01	96 (48 Full, 48 Half)	
	Versaloc® Capping Unit	390 x 40 x 190	2.56 per l/m	7.0	-	

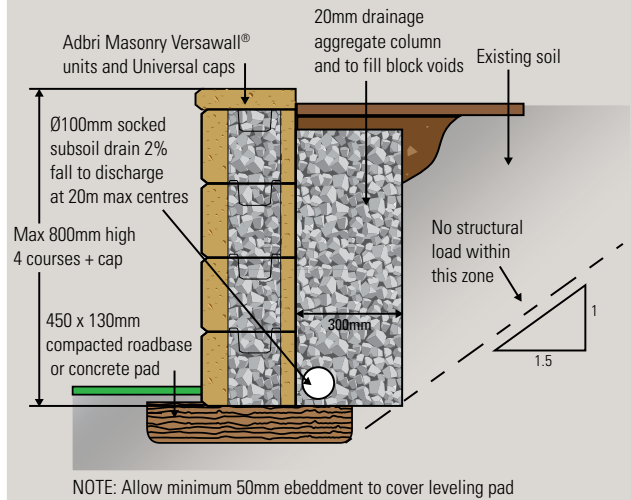


# TYPICAL CROSS SECTIONS

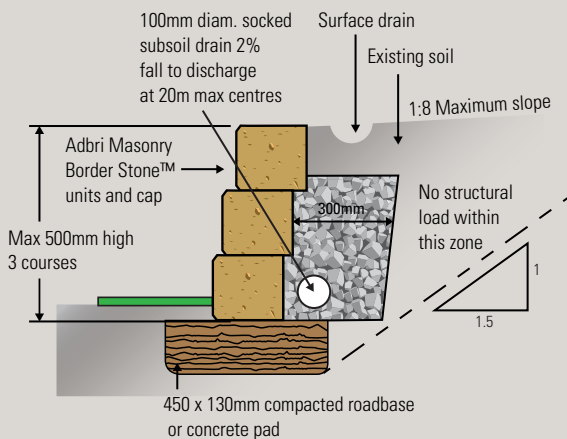
## WINDSOR™ CROSS SECTION



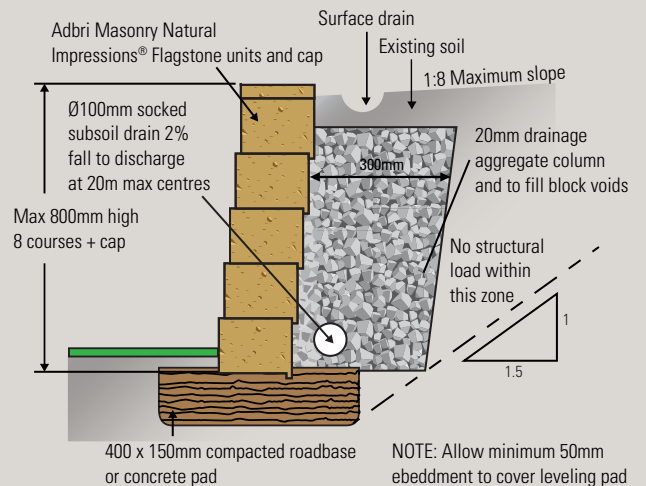
## VERSAWALL® CROSS SECTION



## BORDER STONE™ CROSS SECTION

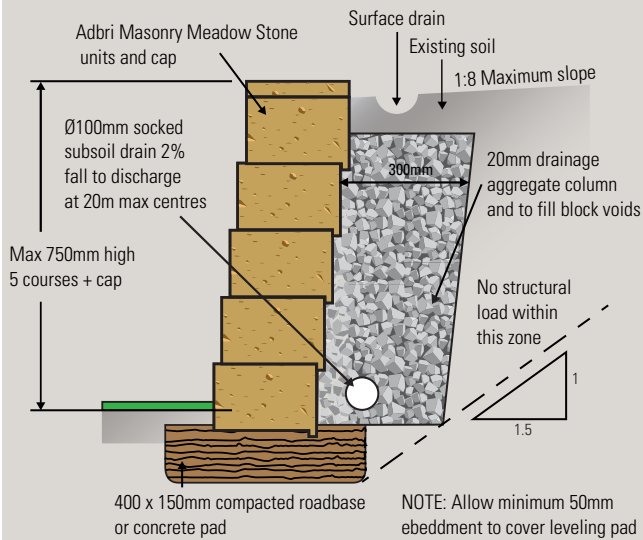


## NATURAL IMPRESSIONS® FLAGSTONE CROSS SECTION

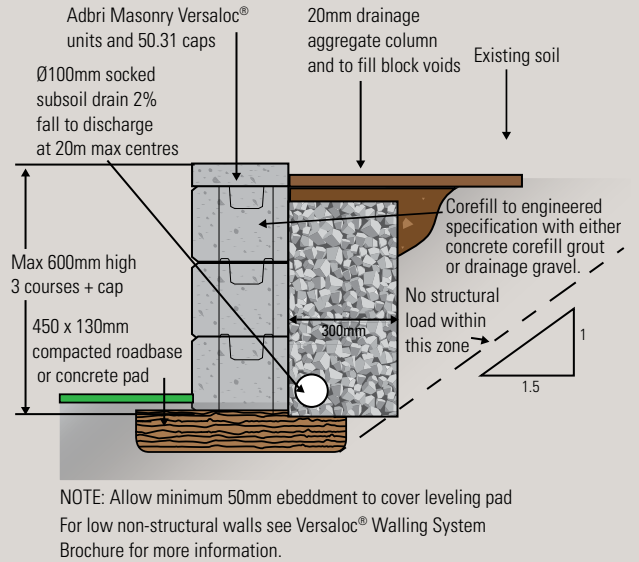




## MEADOW STONE CROSS SECTION



## VERSALOC® 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 insitu soils. The diagrams are not applicable to cohesive fill.
- 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 scanning the QR code and 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) or scan the QR code above.



**Order 10% more for every retaining wall project to account for cuts.**





# 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 on our website 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!













## Other Adbri Masonry Home Solutions



*Landscape Solutions  
Sth QLD Paving*



*Natural Impressions Flyer*



*Anchor Segmental  
Retaining Wall Systems*

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- Paving and Retaining Walls - returns accepted only in full pallets stacked in original configuration.
- No returns accepted for any made to order product.

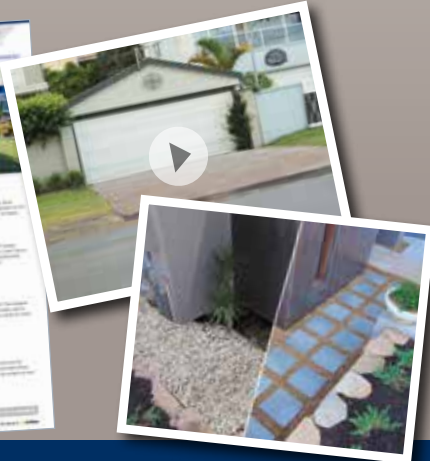
**Free pallet collection service freecall 1800 674 961 or drop pallets back to place of purchase or lodge your pallet pick up online at [adbrimasonry.com.au](http://adbrimasonry.com.au)**

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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Let's do a project today!



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

Retaining Wall Landscape Solutions Brochure  
Sth QLD - May 2015  
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