



# 21 welcometowalls

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Guided tour of a typical page 22

## retaining walls

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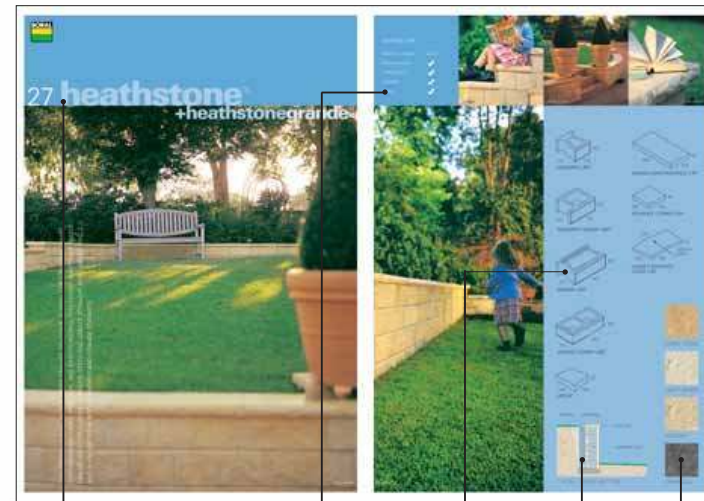
The Boral range of landscaping retaining walls can transform the outdoors, creating beautiful garden edges, terraces and ponds. A variety of textured surfaces, colours and sizes provides homeowners with an array of choice for a stylish finish. With options for both straight and curved walls, many of the products feature unique interlocking systems for easy installation.



# 22

## take a guided tour of a typical retaining wall page

All our product pages are laid out in a consistent manner to assist with easy selection of Boral products.



Page number and product identification

Application icons legend  
These products are recommended for the indicated applications (subject to appropriate laying systems and site conditions)

All product drawing dimensions are represented in millimetres

Typical cross section of a retaining wall

Colour and texture/finish swatches



# 23 howtochooseawall



## Step 1

Gather ideas on the look you want to achieve. Look through this brochure and also obtain a free copy of the latest Boral Outdoor Design Guide.

Page number	25	26	27	27	29	30	31
Product name	Edgestone®	Gardenwall®	Heathstone®	Heathstone Grande®	Country Manor®	Keystone®**	Pyrmont®**
Applications							
Max. wall height (mm)*	375	1125	972	972	1000	1200	1200
Straight walls	✓	✓	✓	✓	✓	✓	✓
Curved walls	✓	✓	✓	✓	✓	✓	✓
Corners	✗	✗	✓	✓	✓	✗	✗
Flushface profile							
Angled face profile							
Block face size	small	medium	medium	large	various	large	large

\* Maximum wall heights in good soils (gravels, sandy gravels, crushed sandstone).

\*\* Pyrmont® and Keystone® can be built up to 12m high when designed by a suitably qualified engineer and combined with soil reinforcement. Please contact your Boral representative for more information.

**Step 2** Use the table above to determine which retaining wall is most suitable for your particular application.

1. Determine the height you want to achieve.
2. Determine which design you want – do you want curves, corners or a straight wall?

**Step 3** Select a colour that complements your area, home and surroundings such as other homes in your street.

**Step 4** Choose to D.I.Y. or hire a contractor. Refer to page 33 for tips on installing a retaining wall.



## general tips

- Tip 1** Rule of thumb: the higher the retaining wall, the greater the need for engineering assistance.\*
- Tip 2** Raised garden beds using Heathstone® are easy to maintain and provide extra seating in your garden.
- Tip 3** Mark out the location of curved walls first with either curved capping, rope or a garden hose to assist in working out the exact wall length.
- Tip 4** Know your soil type when planning retaining walls.
- Tip 5** In areas subject to vandalism, it is recommended that the top units are secured using a construction adhesive such as Liquid Nails (for Gardenwall® and Edgestone®).

\* Please consult with regulating council for local design requirements prior to the construction of any retaining wall. Councils in general require that retaining walls be designed and certified by a suitably qualified engineer where the wall is over 0.5m in height and/or where there is a surcharge loading, such as a driveway, house or other structure near the wall.

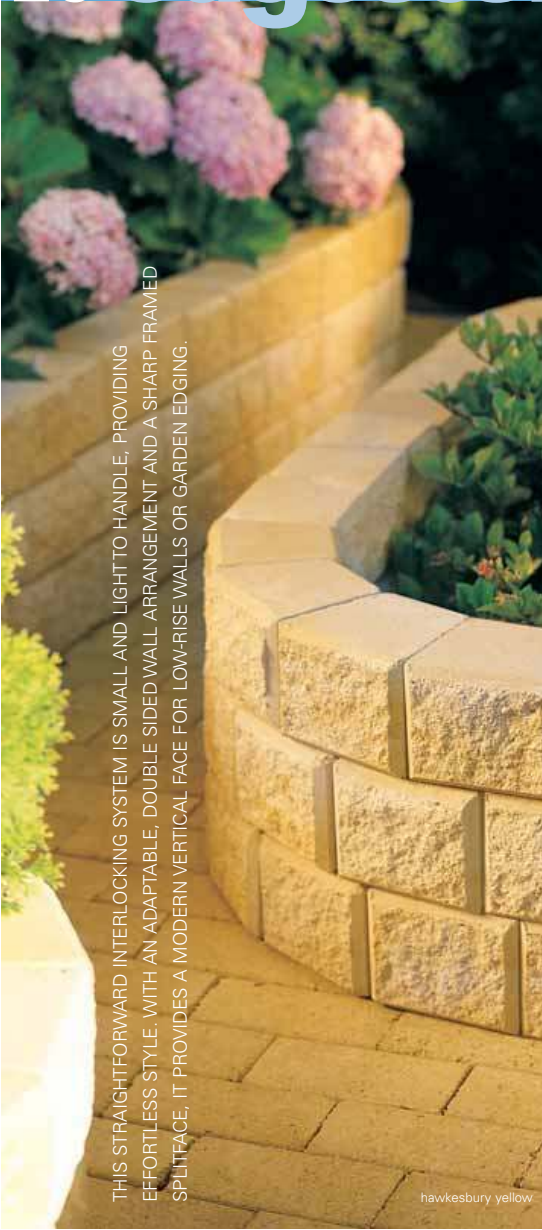




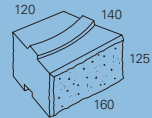
# 25 edgestone®

SUITABLE FOR:

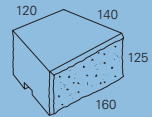
- MAX. WALL HEIGHT 375mm
- STRAIGHT WALLS ✓
- CURVED WALLS ✓



THIS STRAIGHTFORWARD INTERLOCKING SYSTEM IS SMALL AND LIGHT TO HANDLE, PROVIDING EFFORTLESS STYLE. WITH AN ADAPTABLE, DOUBLE SIDED WALL ARRANGEMENT AND A SHARP FRAMED SPLITFACE, IT PROVIDES A MODERN VERTICAL FACE FOR LOW-RISE WALLS OR GARDEN EDGING.



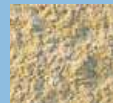
STANDARD UNIT



CAP UNIT



light sands



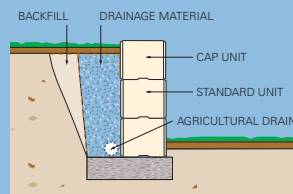
HAWKESBURY YELLOW



KOTA GREEN



LIGHT SANDS



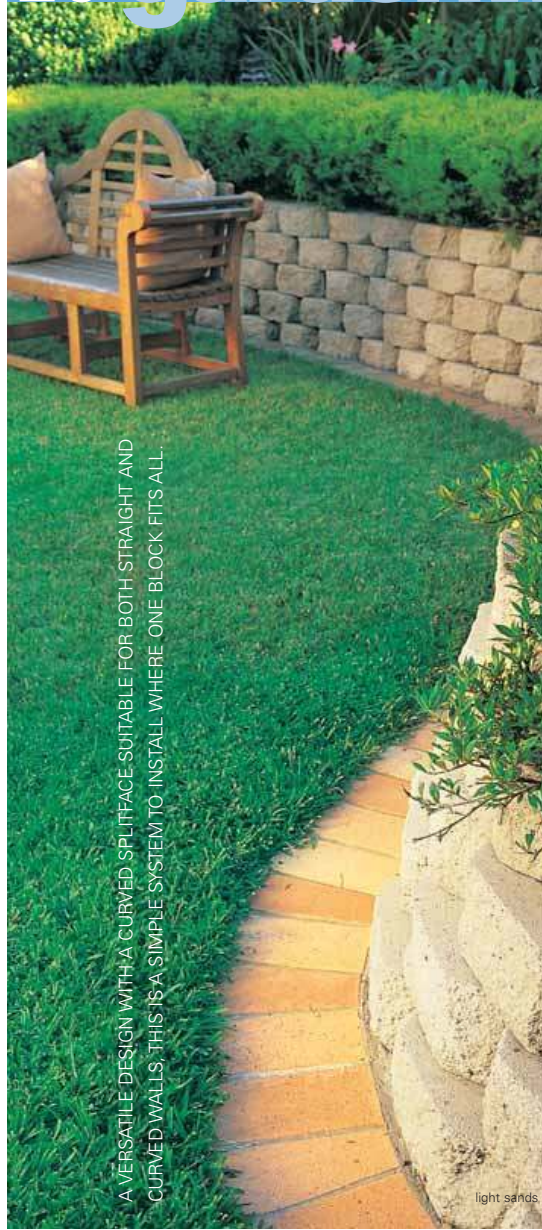
TYPICAL CROSS SECTION

Please note: Backfill should be no higher than the top of the retaining wall.

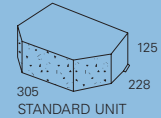
SUITABLE FOR:

- MAX. WALL HEIGHT 1125mm
- STRAIGHT WALLS ✓
- CURVED WALLS ✓

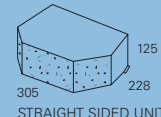
# 26 gardenwall®



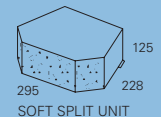
A VERSATILE DESIGN WITH A CURVED SPLITFACE, SUITABLE FOR BOTH STRAIGHT AND CURVED WALLS, THIS IS A SIMPLE SYSTEM TO INSTALL WHERE ONE BLOCK FITS ALL.



STANDARD UNIT



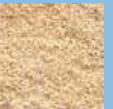
STRAIGHT SIDED UNIT



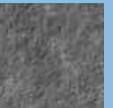
SOFT SPLIT UNIT  
- Charcoal  
- Portstone



paperbark



HAWKESBURY YELLOW



CHARCOAL



LIGHT SANDS



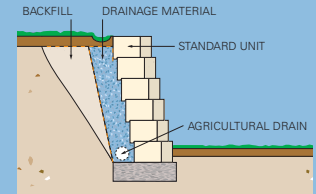
PAPERBARK



PORTSTONE



TERRAIN



TYPICAL CROSS SECTION

Please note: Backfill should be no higher than the top of the retaining wall.



# 27 heathstone® +heathstonegrande®

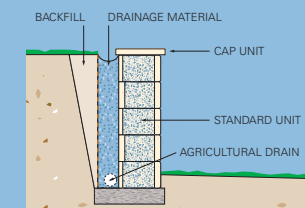
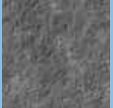
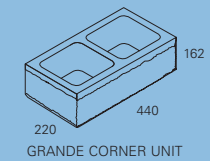
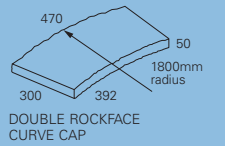
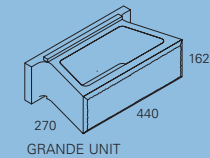
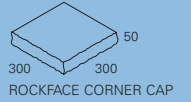
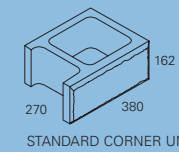
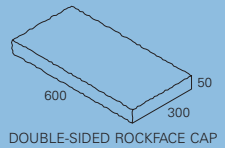
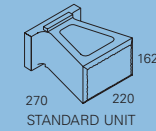
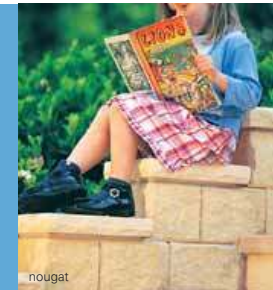


THIS REFINED RANGE, WITH A SHARP FRAMED SPLITFACE, IS IDEAL FOR CREATING SMART CONTEMPORARY LINES. PRACTICAL AND EASY TO INSTALL, THIS HIGHLY ADAPTABLE RANGE CAN BE USED FOR CURVES, CORNERS AND STEPS, CAN CREATE STRAIGHT AND CAPPED WALLS AND IS PRESENTED IN BOTH STANDARD AND GRANDE FORMATS.

light sands

## SUITABLE FOR:

- MAX. WALL HEIGHT 972mm
- STRAIGHT WALLS ✓
- CURVED WALLS ✓
- CORNERS ✓
- STEPS ✓



## TYPICAL CROSS SECTION

Please note: Backfill should be no higher than the top of the retaining wall.



# 29 countrymanor®

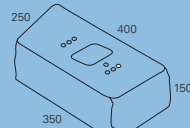
SUITABLE FOR:

- MAX. WALL HEIGHT 1000mm
- STRAIGHT WALLS ✓
- CURVED WALLS ✓
- CORNERS ✓

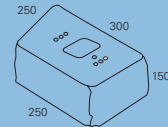


VISUALLY DISTINCTIVE, WITH A RUGGED, RUSTIC LOOK, THESE RANDOM SIZED BLOCKS BRING A RURAL ATMOSPHERE TO THE OUTDOOR LIVING AREA. THEY UTILISE A SPECIAL INTERLOCKING PIN SYSTEM.

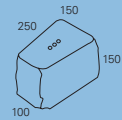
## COUNTRY MANOR RANGE



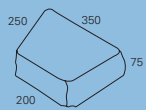
LARGE UNIT\*



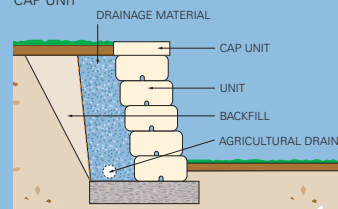
MEDIUM UNIT\*



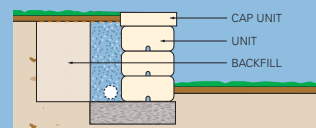
SMALL UNIT\*



CAP UNIT



TYPICAL CROSS SECTION – SLOPED



TYPICAL CROSS SECTION – VERTICAL

Please note: Backfill should be no higher than the top of the retaining wall.



almond

\*Sold as a set of 4 including  
2 x LARGE UNIT  
1 x MEDIUM UNIT  
1 x SMALL UNIT



ALMOND



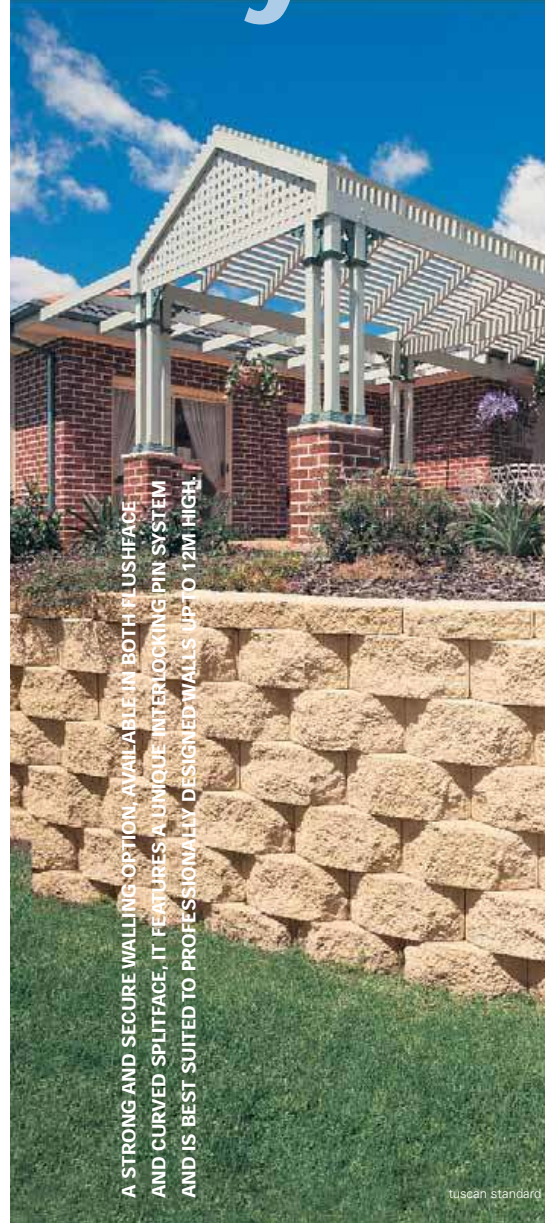
MIDWAY

almond

# 30 keystone®

SUITABLE FOR:

- MAX. WALL HEIGHT 1200mm
- STRAIGHT WALLS ✓
- CURVED WALLS ✓

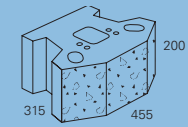


A STRONG AND SECURE WALLING OPTION, AVAILABLE IN BOTH FLUSHFACE AND CURVED SPLITFACE, IT FEATURES A UNIQUE INTERLOCKING PIN SYSTEM AND IS BEST SUITED TO PROFESSIONALLY DESIGNED WALLS UP TO 1.2M HIGH.

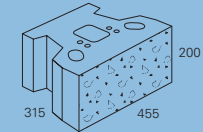
tuscan standard



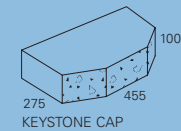
almond standard and flushface



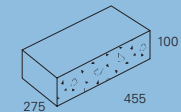
STANDARD UNIT



FLUSHFACE UNIT



KEYSTONE CAP



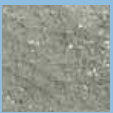
FLUSHFACE STRAIGHT SIDED CAP



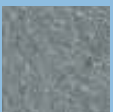
NATURAL



ALMOND



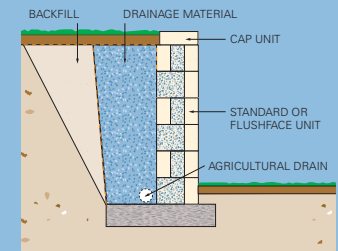
KOTA GREEN



CHARCOAL



TUSCAN



TYPICAL CROSS SECTION

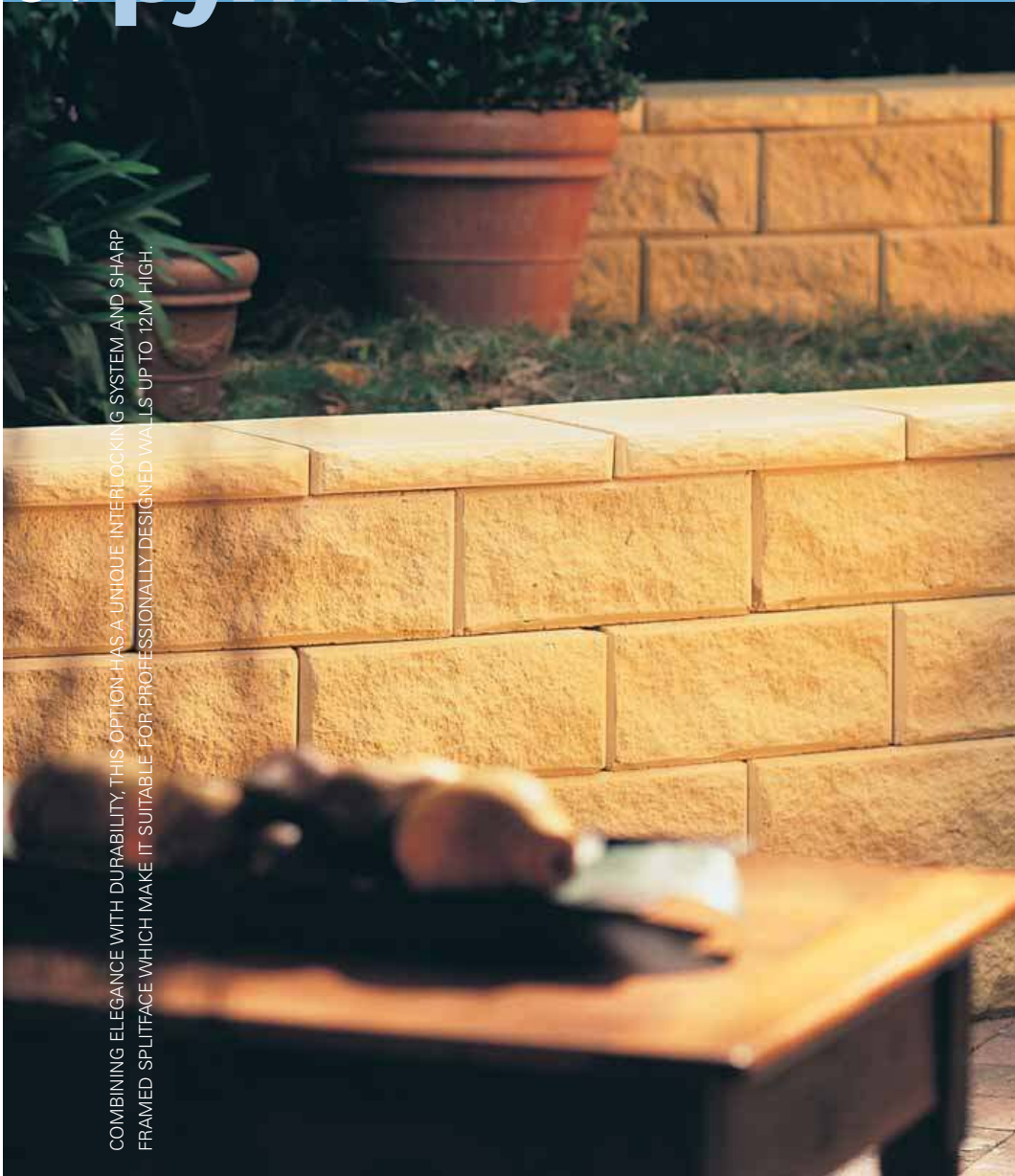
Please note: Backfill should be no higher than the top of the retaining wall.

almond



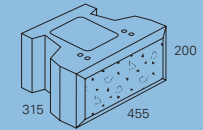
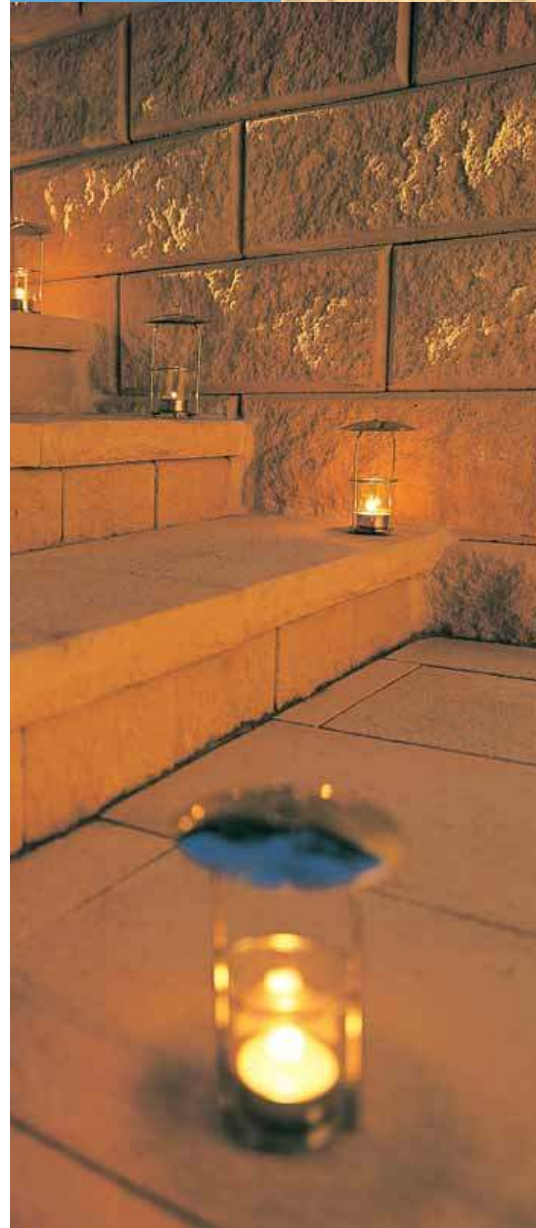
# 31 pyrmont®

COMBINING ELEGANCE WITH DURABILITY, THIS OPTION HAS A UNIQUE INTERLOCKING SYSTEM AND SHARP FRAMED SPLITFACE WHICH MAKE IT SUITABLE FOR PROFESSIONALLY DESIGNED WALLS UP TO 12M HIGH.

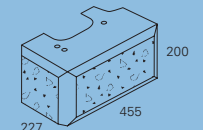


### SUITABLE FOR:

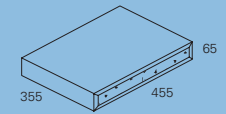
- MAX. WALL HEIGHT 1200mm
- STRAIGHT WALLS ✓
- CORNERS ✓



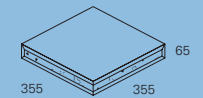
STANDARD UNIT



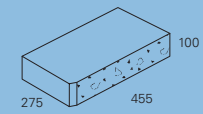
CORNER UNIT 90°



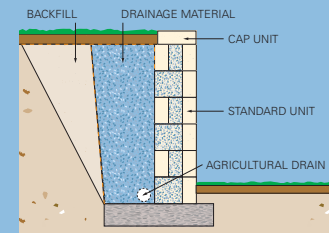
PREMIUM CAP



PREMIUM CORNER CAP



STANDARD FLUSHFACE CAP



TYPICAL CROSS SECTION

Please note: Backfill should be no higher than the top of the retaining wall.



HAWKESBURY YELLOW



# 33 howtobuildawall



heathstone® honeycomb

Boral product	Maximum wall height
Edgestone®	375mm
Heathstone®	972mm
Heathstone Grande®	972mm
Country Manor®	1000mm
Gardenwall®	1125mm
Pyrmont®	1200mm*
Keystone®	1200mm*

Maximum wall heights in good soils (gravels, sandy gravels, crushed sandstone).

\* Pyrmont® and Keystone® can be built up to 12m high when designed by a suitably qualified engineer and combined with soil reinforcement. Please contact your Boral representative for more information.

**Note:**

Please consult with regulating council for local design requirements prior to the construction of any retaining wall. Councils in general require that retaining walls be designed and certified by a suitably qualified engineer where the wall is over 0.5m in height and/or where there is a surcharge loading, such as a driveway, house or other structure near the wall.

## 01 locate your wall

Mark out the ground where your wall will be located (either by marking with stakes and a string line or by marking a line on the ground with spray paint). Excavate trench then compact roadbase to form a levelling pad. Go to [www.boral.com.au/wallcalc](http://www.boral.com.au/wallcalc) to calculate how many blocks you require.



## 02 prepare the site

Place blocks side by side on the levelling pad using a string line along the back of the units for alignment. Level each unit side to side and front to back using your spirit level. Spend time making sure the first course of units is level, otherwise all ensuing courses and ultimately the entire wall will not be level.



edgestone® light sands

aspestone®

## 03 backfill and compact

Install an agricultural drain 150mm behind your first course and surround with gravel (12-20mm sized gravel, e.g. blue metal). Shovel and compact your backfill (existing site soil) behind the drainage material. (Backfill consisting of heavy clays or organic soils is not recommended due to water holding properties.)



## 04 additional courses

Sweep the top of the previous course clean. Place the next course of units in a running bond pattern (i.e. with the vertical joints from the first course units halfway across the second course units). Pull each unit forward until it locks with the nib on the unit below. Place the drainage material behind the second course of units. Stack units, placing drainage material and compact backfill for each block height layer until your wall is complete.



## 05 fixing capping units

Place capping units, if required, on the top course. It is recommended that caps be secured using a construction adhesive such as liquid nails. Some capping may require the removal of nibs from the top course of blocks.



For more information on specific walls go to [www.boral.com.au/mdg](http://www.boral.com.au/mdg)

YOU CAN BUILD A STRONG AND ATTRACTIVE RETAINING WALL ONE STEP AT A TIME, ONE BLOCK AFTER THE OTHER.