

NATIONAL MASONRY RETAINING WALLS & PAVERS

1/11/2019

RETAINING WALL SYSTEM	NO. / M2	NO. / PALLET	WGHT KG EA	MAX. HEIGHT	DEL'D BRISBANE		DEL'D SUNSHINE	
					PER M2	\$ EACH	PER M2	\$ EACH
GARDENWALL - 295LX203DX125H Light Sands/Charcoal / Beach	26.9	120	11.45	1.0m 25mm setback/course	\$118.63	\$4.41	\$124.28	\$4.62
GARDENWALL SOFT SPLIT - 295LX210DX125H Paperbark / Cocoa / Charcoal / Portstone	26.9	100	14.20	1.0m 25mm setback/course	\$102.49	\$3.81	\$109.48	\$4.07
GARDENWALL FLUSH FACE - 295LX203DX125H Charcoal / Light Sands / Beach	26.9	120	12.65	1.0m 25mm setback/course	\$121.86	\$4.53	\$129.12	\$4.80
LINEARWALL - Fudge / Charcoal / Beach STD BLOCK 300LX200DX150H CNR BLOCK 350LX200DX150H	22.2	90	12.80 22.20	Vertical 600mm	\$122.32	\$5.51 \$11.66	\$128.32	\$5.78 \$12.13
MODERNSTONE - Light Sands / Charcoal / Beach BLOCK 440LX280DX165H CNR BLOCK 440LX220DX165H MODERNSTONE CAP 440LX280DX60H	13.77 2.27L/M	40 48 100	26.70 18.20 16.50	Vertical (6 courses + Cap) when filled with gravel or 1.685m using No Fines Concrete	\$121.59	\$8.83 \$11.40 \$8.47	\$127.92	\$9.29 \$11.79 \$8.76
KEYSTONE - Charcoal / Parchment ELITE STD 609LX285DX200H ELITE CAP 609LX205DX100H ELITE CNR 450LX145DX200H	8.3 1.64L/M	40 90	46.00 26.20 25.60	20M engineered with geogrid	\$116.28	\$14.01 \$12.51 \$18.08	\$124.42	\$14.99 \$13.07 \$18.62
PAVERS	NO. / M2	NO. / PALLET	WGHT KG EA		DEL'D BRISBANE		DEL'D SUNSHINE	
					\$ PER M2	\$ EACH	PER M2	\$ EACH
EDGEPAVE 200X100X50MM Charcoal	50	660	2.10		\$34.50	\$0.69	\$36.50	\$0.73
ESPLANADE 400X400X42MM Charcoal / Sand / Ginger / Platinum	6.25	108	14.20		\$40.75	\$6.52	\$42.25	\$6.76
GRIDPAVE 390X390X90MM Natural Grey	6.57	90	17.04		\$42.64	\$6.49	\$45.00	\$6.85
GRIDPAVE 390X390X90MM Charcoal	6.57	90	17.04		\$45.33	\$6.90	\$47.70	\$7.26
INTERPAVE 80 225X112X80MM Charcoal / Natural	39.68	380	4.00		\$48.43	\$1.22	\$51.98	\$1.31
DRIVEPAVE 230X115X50MM Charcoal	37	500	3		\$38.18	\$1.01	\$39.59	\$1.07

DELIVERY: All prices are the delivered prices for metropolitan and Gold Coast deliveries. However there is a minimum charge of **\$92.40 for orders under 2 pallets.**

For Sunshine Coast deliveries(Nth of Caboolture) there is a min. charge of **\$138.60 for under 3 pallets**

Pallet numbers shown on the price list are indicative only. All deliveries are made to nature strip only.

REDLANDS
PH: 3207 7800

249 Cleveland-
Redland-Bay Rd
Thorlands 4164

ASHMORE
PH: 5597 3433

650 Southport
-Nerang Rd
(opp. BP Station)
Ashmore 4214

CHANDLER
PH: 3390.2477

2630 Old -
Cleveland Rd
(cnr Aldis Rd)
Chandler 4155

FORESTDALE
PH: 3800 5433

2-16 Stapylton Rd
Forestdale 4118

LOGAN
PH: 3808 8442

488 Loganlea Rd
Slacks Creek 4127

BURPENGARY
PH: 3888 8806

8A 1 Commerce Pl
(cnr North Shore Dr)
Burpengary 4505

MANGO HILL
PH: 3491 6372

1823 Anzac Ave
Mango Hill 4509

**WESTERN
SUBURBS**
PH: 3715 6200

12 Jennifer St
Seventeen Mile
Rocks 4073

HOW TO BUILD USING GARDENWALL

You will need...

- Gloves to protect your hands
- Shovel
- Eye protection eg. goggles
- A spirit level to lay units level
- Drainage material eg. 12-20mm clean, free draining granular material such as gravel or blue metal
- Stakes and string
- Agricultural drain eg. 100mm diameter subsoil pipe)
- Gardenwall® units
- Wheelbarrow
- Coarse sand for the levelling pad
- Hammer
- Small broom
- Mechanical plate compactor (optional)

1. Check with your local council

You should consult with your local council for design regulations prior to the construction of your wall. Councils generally require, and we recommend, that walls greater than 0.5 metres in height and walls located near loading such as a house or a car be designed and certified by a suitably qualified engineer. Boral shall have no responsibility for walls manufactured other than in accordance with the specifications and recommendations contained in this guide.

Each council has different requirements so it is important you check with your local council before starting.

2. 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).

3. Calculate how many blocks are required

Measure the proposed wall height and length. (Remember Gardenwall® is suitable only for walls under 1.0 metre high). Using the following table, calculate the approximate number of blocks you will need.

Let's work through an example: my wall is to be 3m long and 625mm (62.5cm) high.

Tips on calculating blocks: To work out the number of blocks without the table just multiply your m² measurement for the wall (wall height x wall length) by 27 units per m².

It is often worth adding some extra blocks to allow for any mishaps (usually adding an extra 5% will cover you). Don't forget when ordering to specify colour and the type of units required.

4. Prepare the site

Dig a shallow trench approximately 130mm (13cm) deep and 350mm (35cm) wide.

Remove any roots and soft earth.

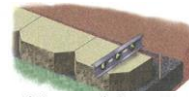
Fill the trench with coarse sand.

Compact and level the sand until it forms a 100mm (10cm) levelling pad. Compact by either manually tamping or using a mechanical plate compactor.

5. Lay the first course

Remove the retaining lip on the base of the unit (this makes levelling the first course much easier). To remove lip place at an angle on the ground and strike the lip firmly with a hammer. Wear eye protection (such as safety goggles) whilst doing this. Remove the lip on enough units to lay the **first course only**.

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. Install the agricultural drain behind the first course and surround with gravel or to the manufacturer's specification.

Tips for setting the first course: Spend time on making sure the units are level, otherwise all ensuing courses and ultimately the entire wall will not be level.

6. Backfill and compact

Place drainage material (12-20mm sized gravel) to 300mm (30cm) wide behind your first course.

Shovel and compact your backfill (existing site soil) behind the drainage material.

7. Additional courses

Sweep the top of the previous course clean.

Place the next course of Gardenwall® units in a running bond pattern (ie. with the vertical joints from the first course units halfway across the second course units).



Pull the units towards the face of the wall until the lip locks behind the units below.

Shovel the drainage material and the backfill behind the second course of units (as per step 6).

Lay your third course of units and, like previous courses, place drainage material and backfill behind the wall (you don't have to compact the backfill every course but it should be done at least every alternate course ie. in 250mm (25cm) horizontal layers).

Continue stacking units, placing drainage material and compacting backfill until your wall is complete.

