



# Classic Wall<sup>®</sup>

## Estimation & Installation



## Estimate Quantity Required

1. Measure the length (L) and height (H) of the wall.
2. Multiply the L x H to work out the square metreage area (m<sup>2</sup>) of the wall.
3. Multiply the m<sup>2</sup> of the wall by the number of units in a m<sup>2</sup> (31.4/m<sup>2</sup>).
4. Order an extra 5% to allow for cuts.

## Installation Guide

### STEP 1 - PREPARING THE BASE

Mark out the ground using stakes and a string line or by marking a line on the ground with spray paint. Dig a trench approximately 500mm wide and 150mm deep.

#### For Walls up to 1000mm High

Fill trench with road base and compact. 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. For additional strength, fill trench with 50 - 200mm of concrete. Screed to a true level, starting from the lowest point if wall is stepping up.

TIP: Don't make the concrete mix too wet otherwise the blocks will sink into the mix.

#### For Walls over 1000mm High

Obtain Engineers specifications.

### STEP 2 - LAYING FIRST COURSE

Place wall unit onto prepared base. It is essential that this first course of units is placed accurately to string line and levelled using a spirit level. For walls up to 1 metre high, make sure 50mm of the first block is below the finished ground level.

### STEP 3 - PLACING THE DRAIN

Place an agricultural drainage pipe with a geotextile sock (Ag-pipe) behind the first course of the wall on a bed of drainage material. Spread the drainage material such that the pipe has roughly a 1 in 100 fall (1cm drop over 1m length of wall). 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. Place each course in running bond or as close as possible to running bond with course below (i.e. with the vertical joints from the first course units halfway along second course units).

### STEP 5 - BACKFILLING

Back fill behind the wall using 10-20mm clean, free drainage material. Maintain high compaction rate on backfill material. Do not use soft or wet clay as backfill material.

### STEP 6 - LAYING FINAL COURSE

Once the backfilling and cleaning is complete, fix the final course of ClassicWall™ into place using adhesive. For domestic wall installations, a waterproof construction adhesive is recommended. For high use areas, a 2-part epoxy is preferred.

### STEP 7 - SURFACE DRAINAGE 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.



TrendStone® Fraser Coral



LedaPAVE Charcoal

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**17 Industrial Avenue  
Maryborough Q 4650**

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

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### COLOUR VARIATION

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

### EFFLORESCENCE

Efflorescence (a salty deposit) is a natural occurrence in masonry products. Efflorescence does not affect the structural integrity of the product and will usually diminish and disappear in the course of time as the product is exposed to the elements. No responsibility will be accepted for the occurrence of efflorescence.

### CLAIMS

Claims must be reported within 72 hours of delivery. No claims will be accepted once product has been installed. Please contact the store where goods were purchased to report any concerns regarding product delivery or quality.

Minimum order quantities apply to Made to Order colours.