

# Tasman<sup>®</sup> Retaining Walls



Featured: Tasman Oatmeal

**SELKIRK'S RETAINING WALL SYSTEMS ARE THE SMART, SIMPLE AND AFFORDABLE WAY TO BRING YOUR OUTDOOR AREA TO LIFE.**

## Make your outdoor areas really stand out.

Our Retaining Wall Systems add more than a touch of beauty, prestige and visual interest to any landscape or garden design. All our ranges feature sturdy and attractive Wall Blocks, partnered with the finishing touch of a Capping Block. Available in Oatmeal or Bluestone.

Simple to install, our systems are also flexible enough for a wide variety of garden or landscape design projects, and offer earthy, warm, and natural tones to get the look you want. Whatever look you're after, you'll be able to build it with a Selkirk Retaining Wall.

## Tasman<sup>®</sup> Retaining Wall.

Purpose-made wall, corner and capping units for building classic reconstructed sandstone retaining walls. Walls can be built almost vertical, curved or straight. No concrete footings required. Tasman is ideal for retaining walls up to 1m high, or 6m high if certified by an engineer\*.

### TASMAN<sup>®</sup> GRAND WALL BLOCK

- 390L x 200H x 245D mm
- 13 blocks per m<sup>2</sup>
- 25kg per unit
- Bluestone and Oatmeal



### TASMAN<sup>®</sup> PREMIUM CORNER UNIT - 245mm

- 245L x 200H x 160D mm
- 15kg per unit
- Right & Left hand units available
- Bluestone and Oatmeal



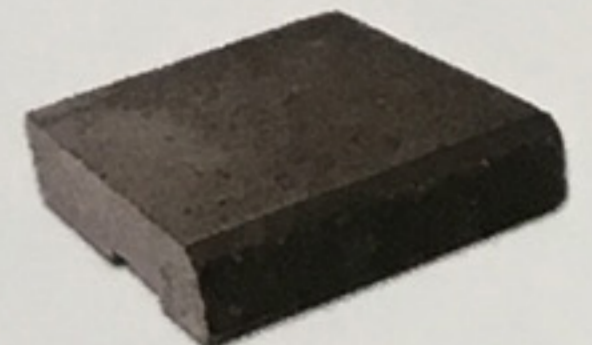
### TASMAN<sup>®</sup> GRAND CORNER UNIT - 360mm

- 360L x 200H x 160D mm
- 20kg per unit
- Right & Left hand units available
- Bluestone and Oatmeal.



### TASMAN<sup>®</sup> CAPPING BLOCK

- 230L x 60H x 250D mm
- 6kg per unit
- Bluestone and Oatmeal



### DETAILS OF THE TASMAN<sup>®</sup> SYSTEM

Setback distance per Block:	10mm
Wall Slope:	3 degrees (10 in 225)
Infill behind and within the facing block, and Bearing Pad:	Compacted 10 to 20mm crushed rock aggregate
Drainage pipe:	100mm diameter PVC agricultural pipe with sock

\* Selkirk recommends obtaining engineering advice prior to installing retaining walls greater than 1m in height or where walls are carrying significant vehicle traffic.

# Landscaping

BUILD WITH

**Selkirk**



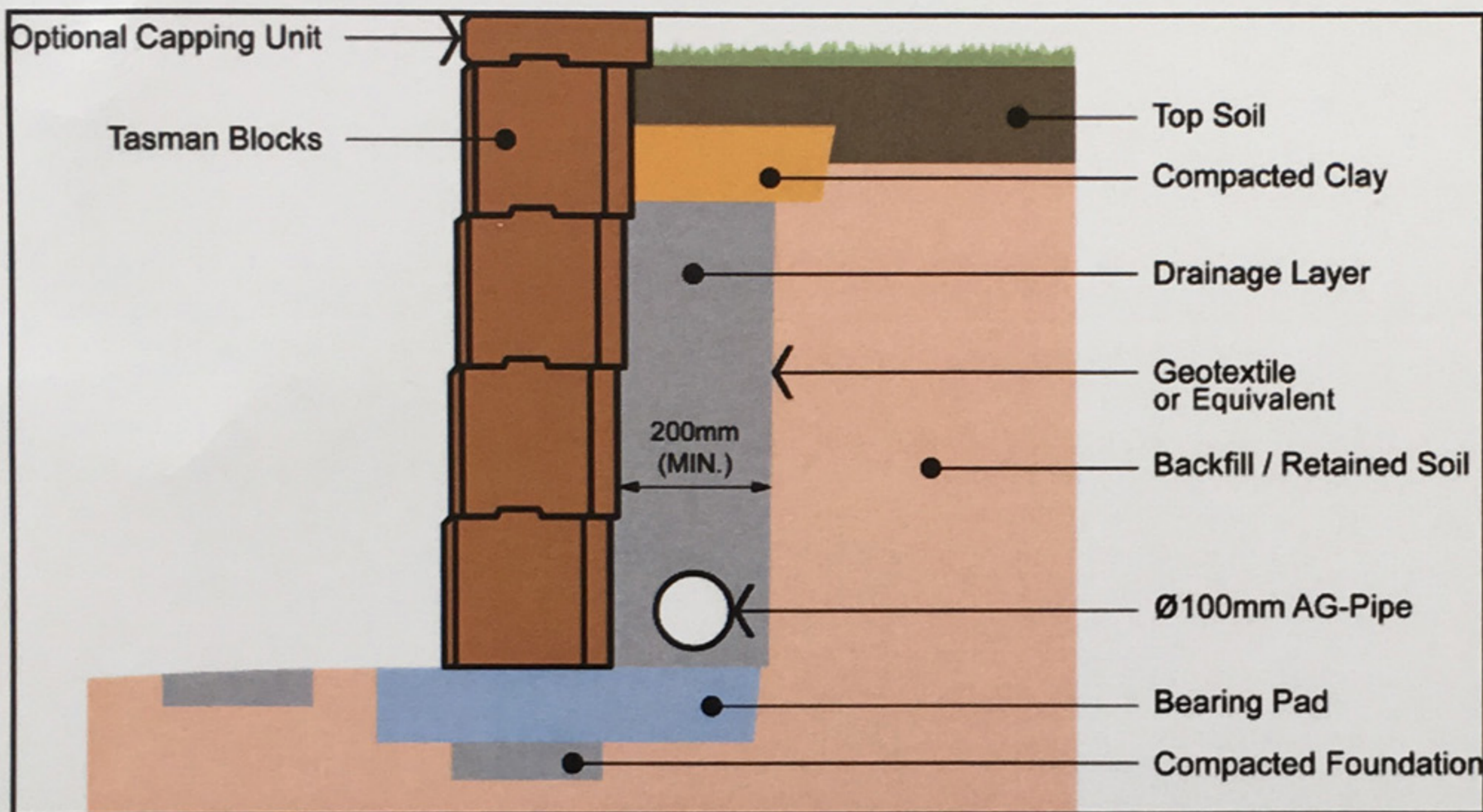
# TASMAN®

The maximum permissible height for straight Tasman® retaining walls is 660mm (three courses and one cap) and serpentine Tasman® retaining walls is 860mm (four courses and one cap).

Tasman® walls intended to support higher embankments must comply with AS 4678 "Earth retaining structures" and the advice of a competent civil engineer should be sought.

Please refer to the product specifications which comply with the requirements of Concrete Masonry Association of Australia Manual MA53 "Segmental Concrete Gravity Retaining Walls" Appendix E. This design may be used to determine the permissible height of retaining walls satisfying the criteria. For retaining walls outside these criteria, the design shall be determined using engineering analysis similar to that shown in the worked example, Appendix A, by qualified and experienced civil or structural engineers with a comprehensive working knowledge of soil mechanics and structural analysis and design.

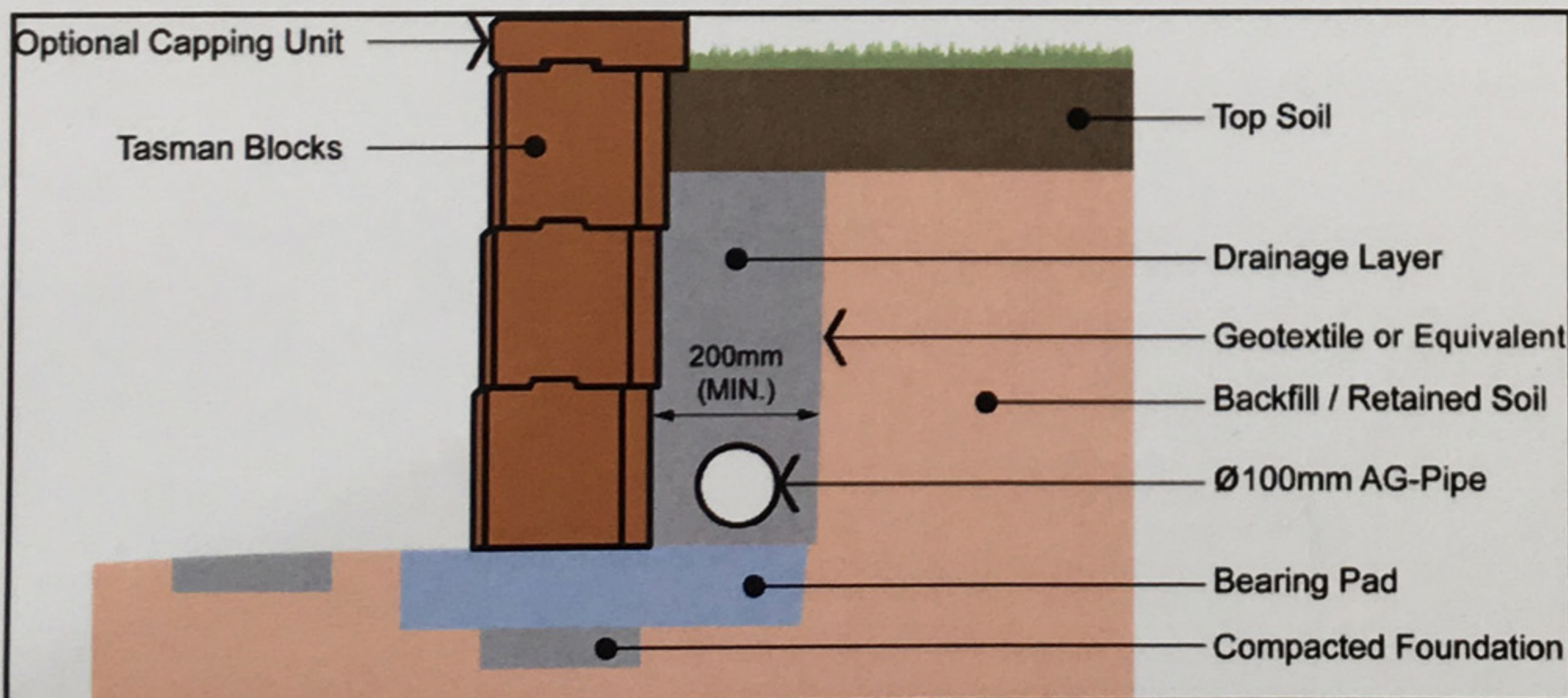
## Tasman® Curved and Serpentine Gravity Retaining Walls up to 860mm



### The limits of the application are as follows:

- All retaining walls shall comply with AS 4678 Structure Classification A (Available from SAI Global Publishing [www.sai-global.com](http://www.sai-global.com))
- All retaining walls are designed for level backfill. If the backfill has a slope greater than 1 in 8, engineering advice should be sought.
- This design does not apply to terraced retaining walls.
- This design is not suitable for imposed loads. If imposed loads are expected, the retaining wall should be designed by engineering analysis similar to that in the worked example, in CMAA Manual MA53 Appendix A (available from The Concrete Masonry Association of Australia [www.cmaa.com.au](http://www.cmaa.com.au))
- This design is not suitable for situations with excessive water run off.
- This design applies to retaining walls with a compacted crushed rock levelling pad, 600 mm wide and 150 mm deep (The addition of portland cement is recommended to avoid erosion over the long term).

## Tasman® Straight Gravity Retaining Walls up to 660mm High



### Notes

Structure Classification A retaining structures under 800mm high are outside the scope of AS 4678. The criteria for Tasman gravity retaining walls under 800mm high is based on MA53 of the Concrete Masonry Association of Australia.

**For all retaining walls it is the owner's responsibility to determine if council approval is required, irrespective of height or site conditions.**

To download the Evaluation and Installation Guide for Tasman® products visit our website at [www.selkirk.com.au](http://www.selkirk.com.au)

BUILD WITH

**Selkirk**

TASMAN® is a trade mark of Baines Masonry Blocks Pty Ltd, and is used under licence.

Patent rights (No. 784415) and Design Rights (Reg. No. 153727) are owned by Baines Masonry Blocks Pty Ltd and are used under licence.