

Tasman[®] Retaining Walls



DESCRIPTION	SPECIFICATIONS		
	MEASUREMENTS	AREA	WEIGHT
Tasman [®] Grand Wall Block	390Lx200Hx245Dmm	13 blocks per m ²	25kg per unit
Tasman [®] Grand Corner Unit - 360mm	360Lx200Hx160Dmm		20kg per unit Right and left units
Tasman [®] Premium Corner Unit - 245mm	245Lx200Hx160Dmm		15kg per unit Right and left units
Tasman [®] Capping Block	230Lx60Hx250Dmm		6kg per unit

DETAILS OF THE TASMAN [®] SYSTEM	
Setback distance per block	10mm
Wall Slope	3° (10 in 225)
Infill behind and within the facing block, & bearing pad	Compacted 10 to 20mm crushed rock aggregate
Drainage Pipe	100mm diameter PVC agriculture pipe with sock

Selkirk's retaining wall systems are the smart, simple and affordable way to bring your outdoor area to life.

Make your outdoor area 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.

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 are after, you'll be able to build it with Selkirk Retaining Wall.

Tasman[®] 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*.

*Engineering advice is recommended in the following circumstances: When building straight walls greater than 660m in height; when building serpentine walls greater than 860mm in height, or where walls are carrying significant vehicle load.

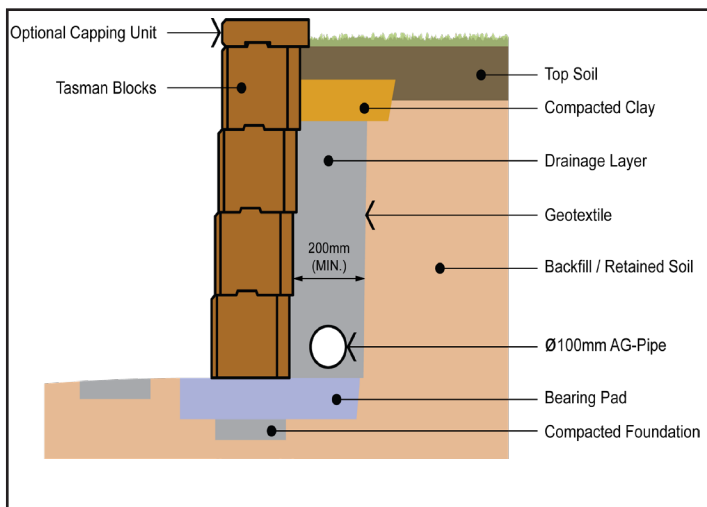
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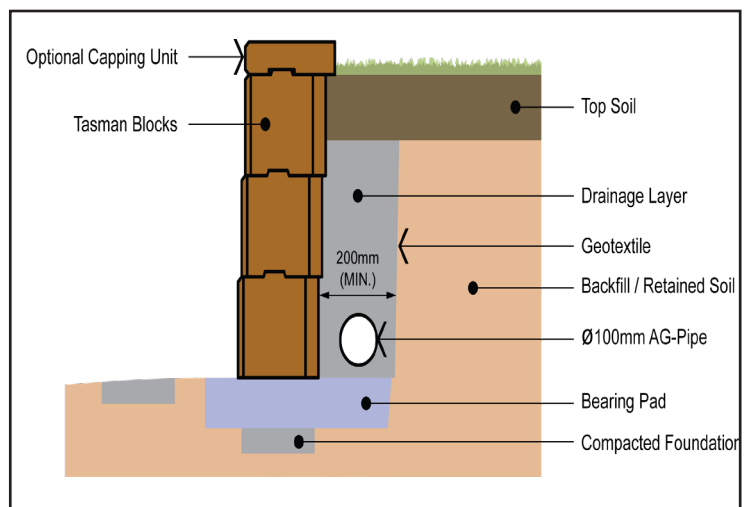
The maximum permissible height for straight Tasman[®] retaining walls is 660mm (three courses and one cap) and serpentine Tasman[®] retaining walls is 860mm (four courses and one cap).

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 requirement of Concrete Masonry Association of Australia Manual RW03 “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 high



Tasman[®] Straight Gravity Retaining Walls up to 660mm high

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)
- 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 RW03 Appendix A (available from the Concrete Masonry Association of Australia 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, 600mm wide and 150mm deep (the addition of portland cement is recommended to avoid erosion over the long term).

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 RW03 of the Concrete Masonry Association of Victoria.

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

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