

TrendStone[®]

Handy Hints



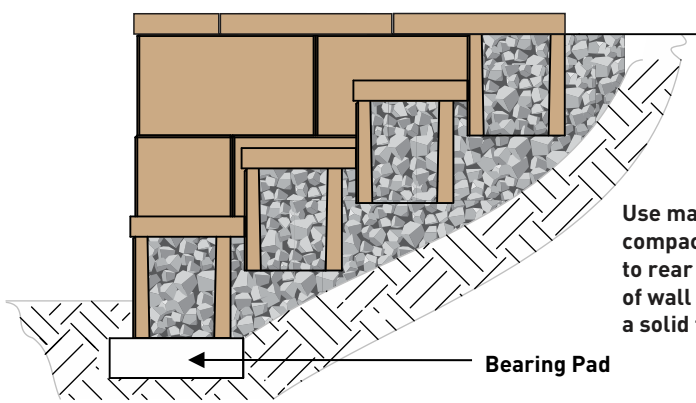
TrendStone® Retaining Wall

Handy Hints

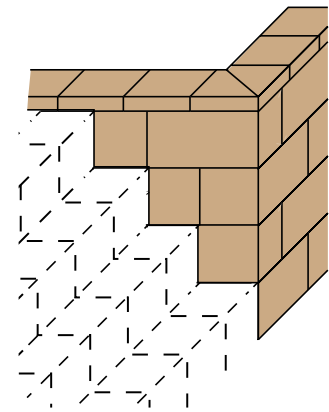
HOW TO BUILD STEPS

DRAWINGS

Steps can be easily built using Trendstone® Wall Units and Caps. The Cap is to be adhered to the top of the wall unit to form a step tread.



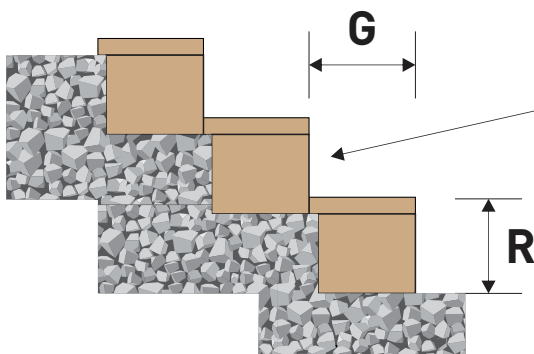
CROSS SECTION



LANDSCAPE VIEW

STEP SIZING

Permissible Step Dimensions (in accordance with BCA requirements)



Install Wall Units at required distance between to create desired step width.



R		G		2R+G	
Maximum	Minimum	Maximum	Minimum	Maximum	Minimum
190	115	365	250	700	550

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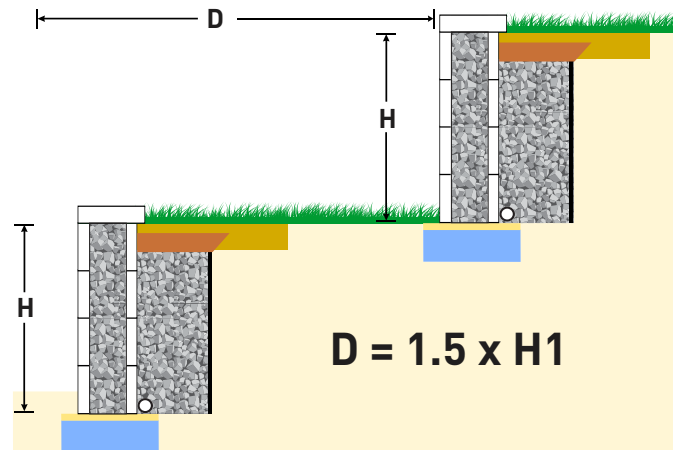
Handy Hints

TERRACED WALLS

Walls may be terraced to increase the aesthetic appeal of the retaining wall, to level off a sloping site and sometimes reduce the single wall heights to that the individual wall can behave as a gravity wall (reduces the requirement to use geogrid or no-fines concrete).

For a wall to act as an individual wall the minimum distance between the walls must be at least 1.5 times the height of the lower wall. This rule does not apply when walls are built on steep sites or in poor soils. A global stability analysis must be undertaken by a qualified engineer where such conditions exist.

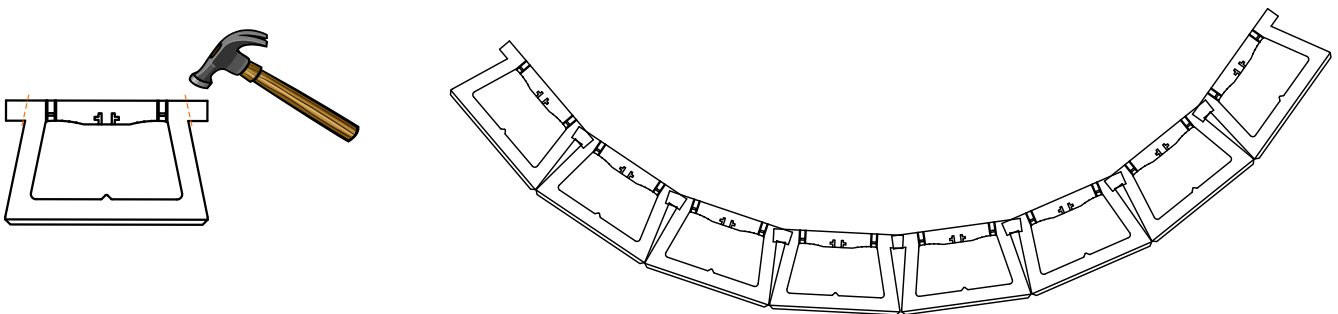
Where there is insufficient room on a site to space the terraces at 1.5 times the height of the lower wall the bottom terrace wall must be engineer designed to accommodate the loading from the top wall. The terrace wall design analysis has to take into account the wall as a single structure (eg. $H_1 + H_2$) to allow for the additional load from the upper terrace wall on the lower terrace wall.



CURVED WALLS

For convex curved walls simply knock the back fins off the block with a hammer.

MINIMUM DIAMETER - 2170mm (16 Trendstone Wall Units = 2330mm).

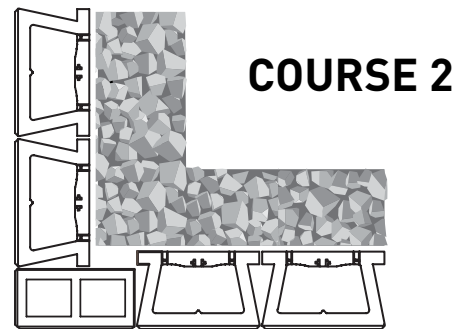
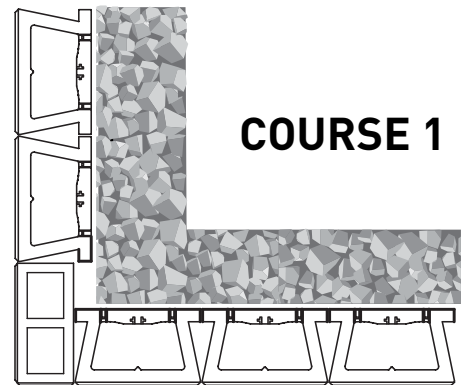


TrendStone® Retaining Wall Handy Hints

EXTERNAL CORNER

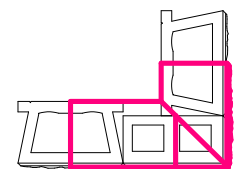
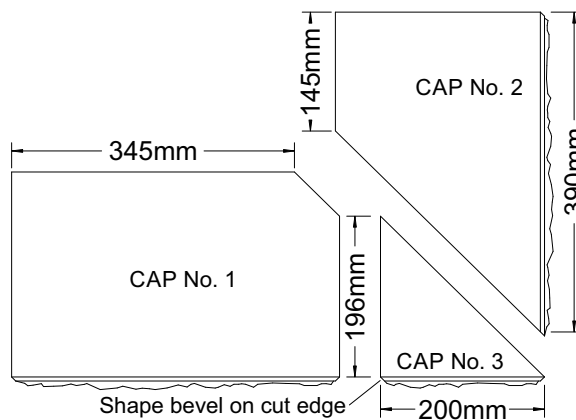
BLOCK SETOUT

Corners are constructed by using the special purpose made universal corner blocks. Masonry adhesive (masonry liquid nails) is required when fixing these corner blocks together. Trendstone® Corner Units can be cut to create ends and step downs if required.



CAP

Caps can be cut to the following plan. Masonry adhesive (masonry liquid nails) is required when fixing the cap to the wall blocks.



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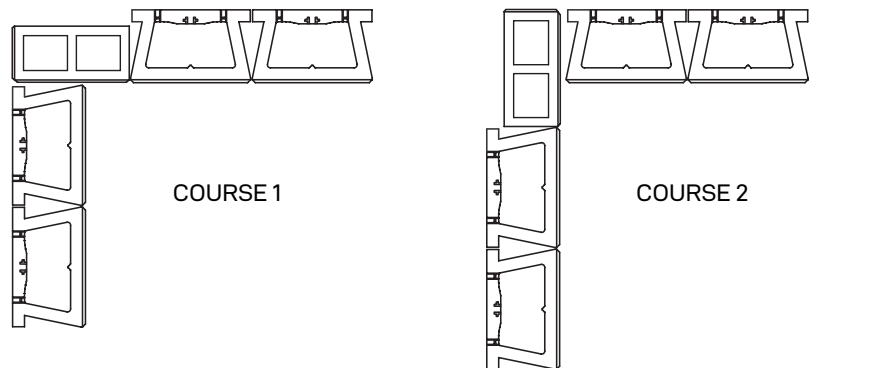
INTERNAL CORNER

BLOCK SETOUT

Corners are constructed by using the special purpose made universal corner blocks. Masonry adhesive (masonry liquid nails) is required when fixing these corner blocks together.

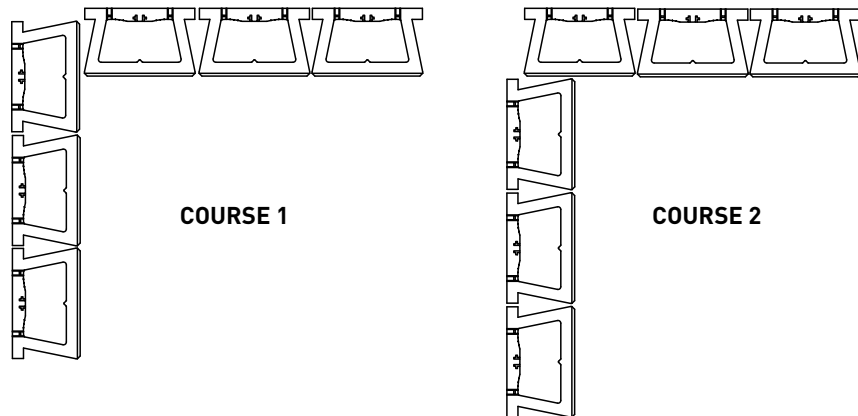
OPTION 1

Using the Trendstone® Universal Corner Unit

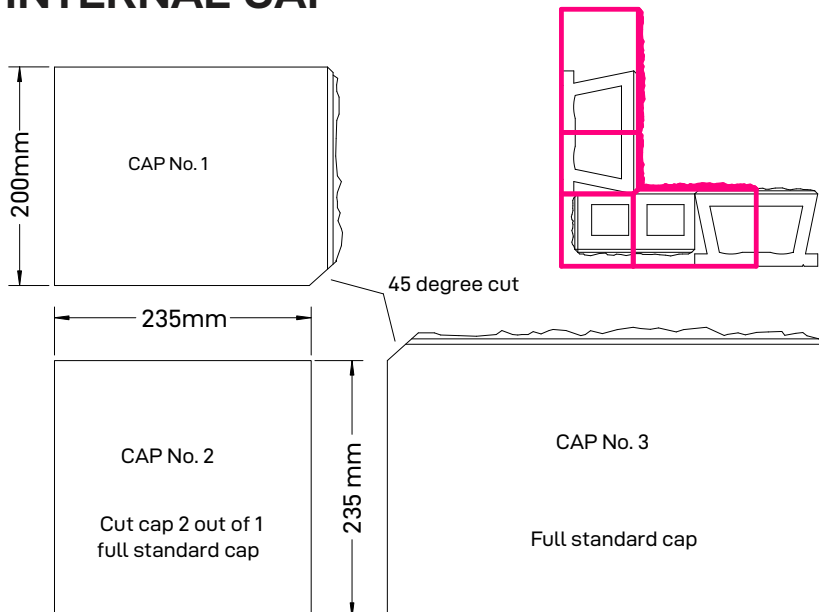


OPTION 2

Using the Trendstone® Wall Unit



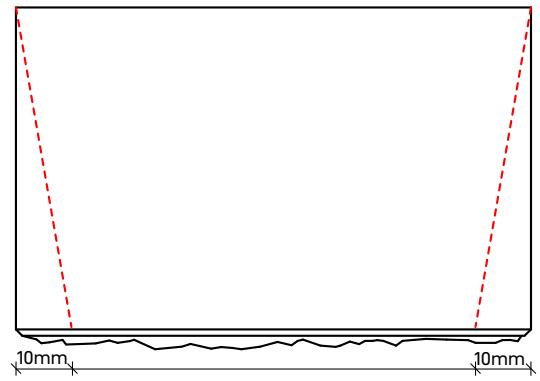
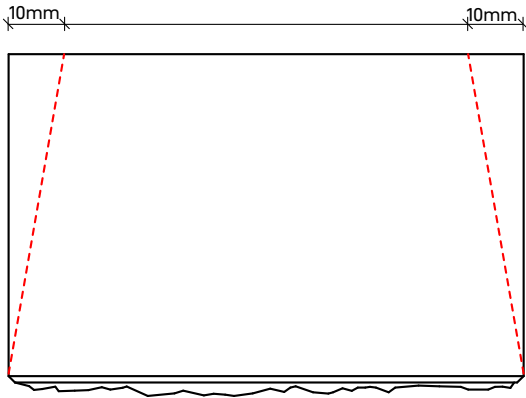
INTERNAL CAP



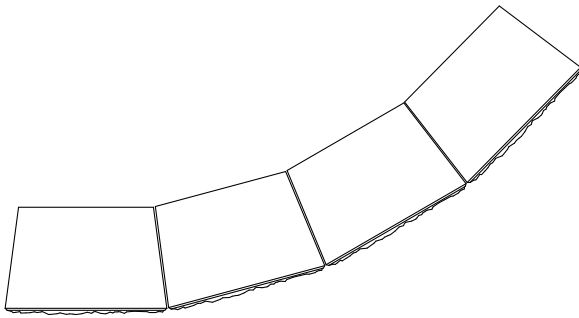
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CUTTING CAPS FOR CURVES

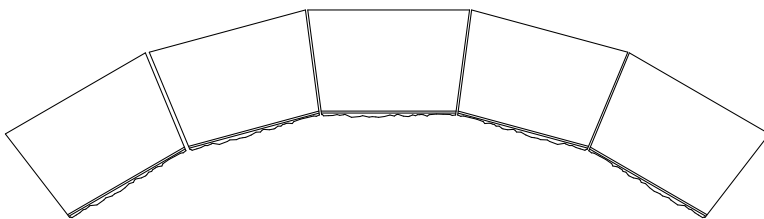
When cutting caps for curves in the wall, an important note to remember is not to take all the trimming off one side of the cap. Take even amounts off each side. Example: a cap which needs to be trimmed by 20mm should have 10mm cut off each side as per the following image:



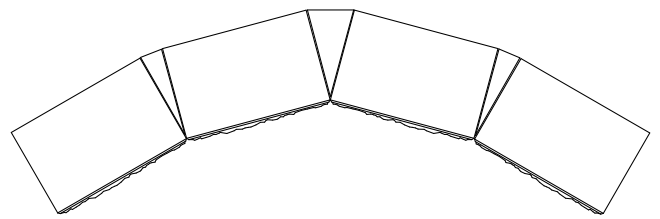
CAP OPTIONS FOR EXTERNAL CURVES



CAP OPTIONS FOR INTERNAL CURVES



OPTION 1



OPTION 2

TrendStone® Retaining Wall

Handy Hints

FINISHING OPTIONS

OPTION 1

Use a cap to end the wall, simply use an adhesive to glue the cap to the edge of the Trendstone Wall Unit.



OPTION 2

Use a corner unit to end the wall.





TrendStone® Charcoal & LeMode French Pattern Ivory

FREE PALLET COLLECTION

For free pallet collection service call 1300 781 620 or lodge a pick up online at www.apexmasonry.com.au or drop pallets back to place of purchase.



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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.