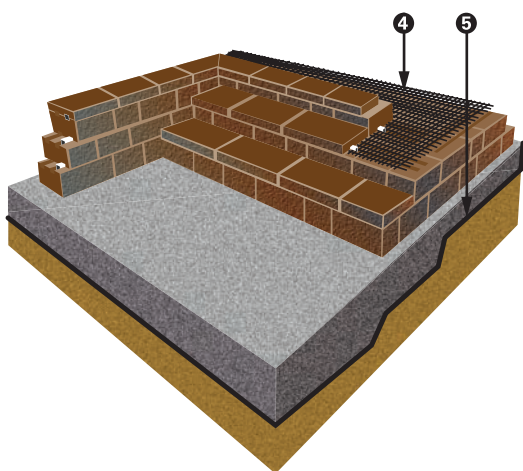
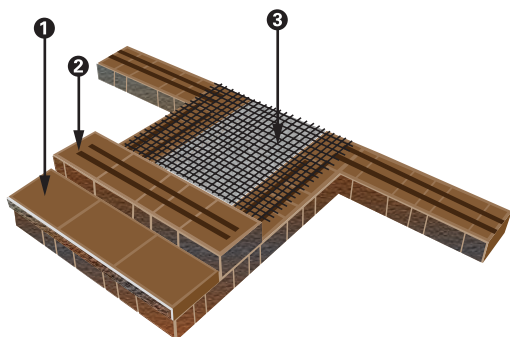


# Building a staircase

When building a staircase, you should follow 4 security measures:

- 1 In poor soil conditions, a geotextile must be installed over the excavated area to eliminate contamination of soils.
- 2 Every riser and wall should be built as one unit to create a monolithic structure.
- 3 To ensure the structure and the compaction of aggregates are stable, a biaxial geogrid should be installed at strategic locations.
- 4 All Antique step units and the course of blocks beneath should be clean of all debris and glued with a cement adhesive.

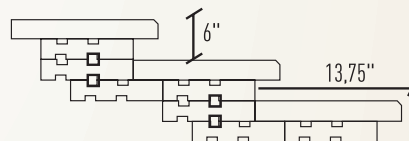
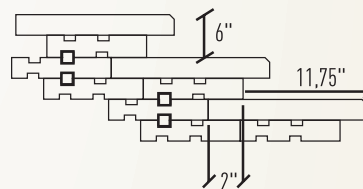
**Note:** The Antique 14" steps and the Prima Cap allows you the option to create 11.75" or 13.75" steps (see example #1 of steps).



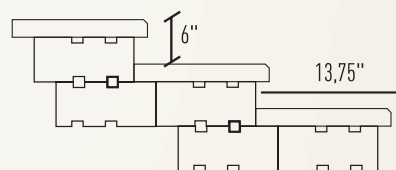
- 1 Caps should always be glued
- 2 Crossing unit should be corner units
- 3 Geogrid (biaxial)
- 4 Geogrid (Biaxial) on every course
- 5 Geotextile (Geo-Fabric) eliminates the contamination of soils.

## EXAMPLES OF STEPS

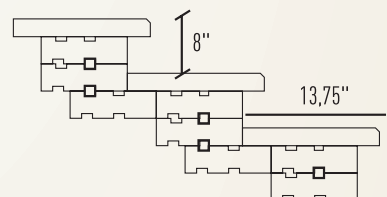
Building a Step with Mini-Creta Plus 3"/Mini-Blok



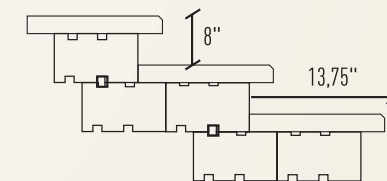
Building a Step with Mini-Creta Plus 6"



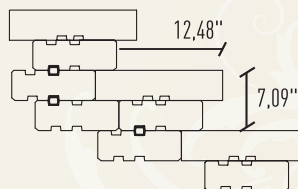
Building a Step with Quarry Stone 100 mm



Building a Step with Quarry Stone 200 mm



Building a Step with Escala/Escala Cap





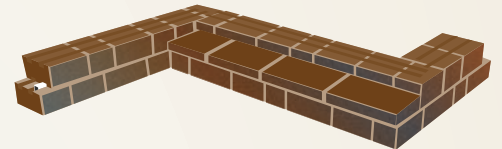
## Building a staircase (continued)

- 1** Building perpendicular right-angled or winding stairs begins with an exterior 90° angle, followed by an interior corner. Backfill as you build with 0-3/4" (0-20 mm) stone compacted to 95% SPD (Standard Proctor Density) behind the step and for behind the wall, use 3/4" (20 mm) net stone for better drainage.
- 2** The second course or step will be level with the first course of blocks and integrated with the wall for a uniform appearance. Repeat the procedure for each subsequent step.
- 3** Glue each coping unit to the course of blocks and use geogrid at every step for greater stability.

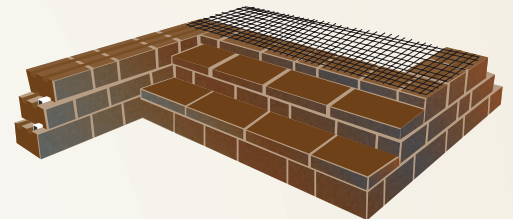
1



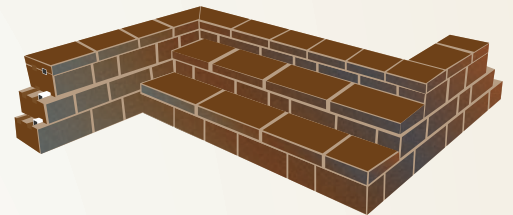
2



3a



3b

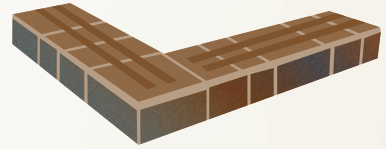




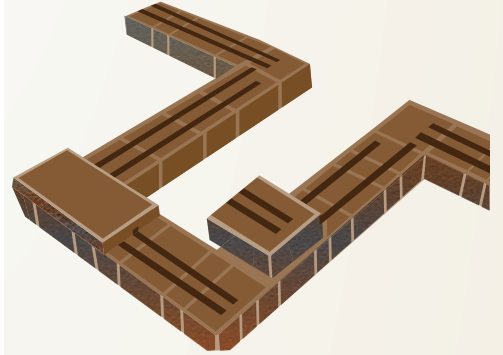
# Projecting stairs

- 1** Begin with two 90° angles when building projecting right-angled or winding stairs. Backfill the stairs as you build with 0-3/4" (0-20 mm) stone compacted to 95% SPD (Standard Proctor Density). Behind the wall, use 3/4" (20 mm) net stone for better drainage.
- 2** The second course or step will be level with the first course of blocks and integrated with the wall for a monolithic appearance.
- 3** Repeat the procedure for each subsequent step.
- 4** Glue each coping unit to the course of blocks and use geogrid at every step for greater stability.

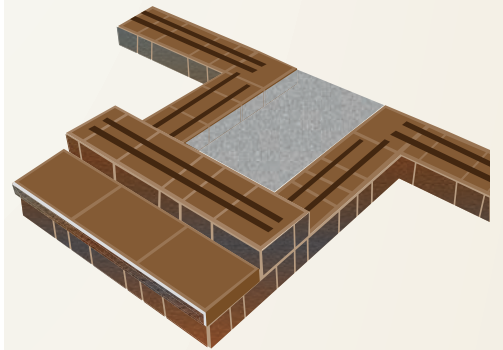
1



2



3



4

