



TLC Supply, Inc.
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INSTALLATION INSTRUCTIONS FOR MINI-CRETA PLUS, CRETA, AND QUARRY STONE WALLS

1. Before any excavation is started, be sure to contact Dig Safe to locate any utilities that may be in the area to be excavated. If there are any utilities located in the area, contact the related utility company before starting.
2. Remove all surface vegetation and debris. This material should not be used for backfill.
3. Excavate the Base Trench a minimum 24" wide and 6" deep. Additional excavation width may be required if the use of geogrid is required. Take note that 10% of the height of the wall will be buried underground. The depth of the Base Trench will increase in proportion to the height of the wall.
4. Place a geotextile at the bottom of the trench and upward along the side of the earth wall. The membrane must exceed the height of the wall and overlap onto the width of the wall. The geotextile is used to prevent the contamination of the natural soil and the ¾" crushed stone used for drainage.
5. Use a Dense Grade or ¾" Crushed Stone for bedding material under your first course of wall units. Compact with a vibratory compactor. You can use sand or ¾" Crushed Stone to level the first course after compaction.
6. The installation of the first row of block is critical. You must level each block side to side and front to back, any unevenness will be greatly exaggerated as you build up the wall.
7. Once you have installed the first course of block, install the perforated pipe behind the block to aid in the removal of any water that may accumulate behind the wall. Determine the direction of the drain, maintaining a minimum slope of 1/8" per foot for pitch, and run the pipe to daylight.
8. After the installation of 3 rows or a maximum of 24" in height, fill in a minimum of 24" behind the wall with ¾" crushed stone.
9. When building a wall over 36" high, the use of geogrid is strongly recommended. However, depending on the wall system used and extreme applications, the height at which geogrid is required will be less.
10. Once you have reached the desired wall height, you are ready to glue down the capping stones. Sweep off the top of the last course of block removing and debris or small stones. Using a high strength Polyurethane adhesive, glue the capping stones into place.
11. Upon the last row of blocks and capping stones, overlap the geotextile towards the wall totally covering the ¾" stone.
12. Backfill over the top of the stone and geotextile with topsoil, mulch, or any other desired product.

TLC also offers design and engineering to meet local building codes. Always consult with the sales team at TLC first to ensure your retaining wall project is designed with the correct safety measures in place.