

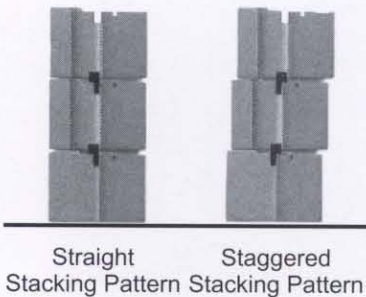
Mesa Units

Available in a straight or beveled face, Mesa units deliver superior connection strength and structural integrity.

2 Standard Wall Units



Standard Universal Corner Unit



Standard Cap Unit



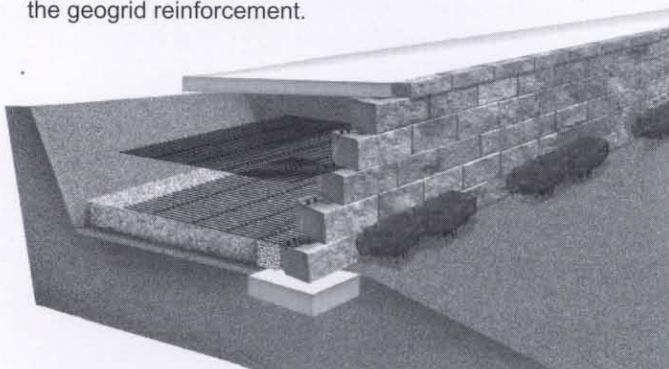
Standard Connector



Fiberglass reinforced composite connector engages the Tensar geogrid and creates a structural end-bearing mechanical connection.

A Fully Integrated System

Mesa connectors lock Tensar geogrids to the Mesa units, creating a mechanical connection between the facing and the geogrid reinforcement.



How To Install

1. Dig a base trench 24 inches to 36 inches wide and a minimum of 12 inches deep. Remove all vegetation and unsuitable organic soils. (Do not use these for structural backfill.) Compact soil base properly.
2. Fill trench with 6 inches of well graded gravel and compact firmly with vibrating compaction equipment.
3. Level the gravel base from front to back and side to side. This procedure will ensure a straight and stable wall.
4. Use a string to align your first row of units. For smooth curves, use a flexpipe as your guide. Place each unit edge to edge, lining up the back of the units.
5. Sweep the top of each course of units to clear debris. Install two standard connector clips in each block. Halfstagger the next course so each unit is centered on two units below. Pull each unit forward to engage connector.
6. Place perforated drainage pipe behind the base of your wall. Add 12 inches of free-draining gravel behind the wall. Place the backfill materials in layers of no more than 8 inches deep at a time. Compact each layer well, making sure to keep your compaction equipment 12 inches away from the back of your wall.
7. Place the front edge of the geosynthetics on top of the units and lock into place with connector clips. Lock the next course of units into place. Gently tension the geosynthetics away from the back of the wall as you repeat the backfilling and compaction steps. Always work from the back of the wall toward the end of the reinforced zone when backfilling and compacting.
8. Sweep off the top course of units. Secure cap units to the top of the wall using an approved concrete adhesive. Use a stringline to properly align the cap units. Add remaining topsoil and grade to desired level for finished grade, as appropriate for seeding, sod or other landscape treatments.

NOTE:
For additional information on installation details, color selection, and product availability, contact your local United Concrete Products Representative.