**DESCRIPTION**

Elevation® geofoam gripper plates are 20 gauge, 4”x4” galvanized steel multi-barbed connectors that are used in multi-layer Geofoam applications to prevent lateral shift during the backfill stage. Each gripper plate has 16 barbs, with 8 in each direction.

**BENEFITS**

- **Load Capacity:** Each gripper plate has a lateral holding strength of 60 pounds minimum resistance when testing with ASTM D6817 type EPS15 Elevation Geofoam, with a safety factor of 2:1.

- **Cost Effective:** Elevation gripper plates are less expensive than most other attachment methods, such as adhesives.

- **Simplicity:** Elevation gripper plates are easy to install, and do not have any weather or temperature limitations.
Gripper Plate Placement Details

Elevation gripper plates should be installed per specification or as shown on shop drawings. Typical requirements are one gripper plate for blocks 32” long and smaller, and two gripper plates for blocks 32” to 96”. Gripper plates should be located a minimum of 6” from the edge of the block. Since each project is unique, it is the engineer’s responsibility to calculate the load requirements of the project for determining the proper number of gripper plates needed and their location.