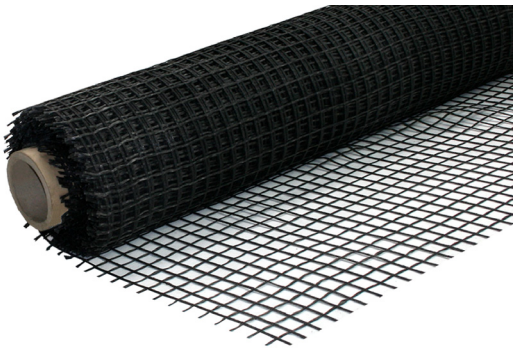
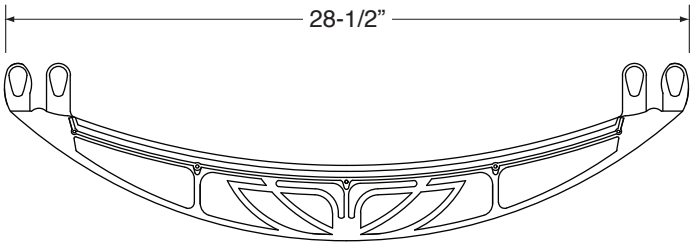
SLOPE-STABILIZATION SYSTEM

When roof slopes exceed 2:12 or 10°, green roof media can float and slide down the roof during periods of heavy rainfall. Anti-Slip Cleats attached to Anti-Slip Mesh retain the media, creating an effective slope stabilization system that does not require penetrating roof waterproofing.

For gabled or barrel-shaped roofs with two equal and opposite sides, the mesh is laid continuously from one eave to the opposite eave so that the downward sliding forces on one side of the roof balance the downward sliding forces on the other side. For shed roofs the mesh must be mechanically fastened with a structural clamping system at the top of the roof. Anti-Slip Cleats made of black recycled ABS plastic are fastened to the Anti-Slip Mesh to create rows spaced 10” to 50” apart that transfer soil loads to the mesh.





INSTALLATION

Clip the cleats onto the mesh creating rows spaced as indicated in the chart. To distribute load on the mesh, shift each row one-quarter cleat from the row above and below. Insert extra cleats between rows at edges to fill the voids created by shifting rows.

Roof Slope	Row Spacing
3:12	50”
4:12	40”
5:12	30”
6:12	20”
7:12	10”