As communities grow and experience increases in surface runoff from newly constructed buildings and hard parking surfaces, the capacity of existing stormwater runoff systems are often pushed beyond their limits. This problem has led to environmental regulations that require the use of stormwater retention and porous pavement systems.

The GEOWEB® system is a three-dimensional, cellular structure that provides structural stability and permeability through confinement of porous infill materials. The GEOWEB® system provides maximum load support for a variety of loading requirements through aggregate infill or an aggregate-stabilized turf, and is a cost-effective alternative to hard-surface paving.

AESTHETICS/PERMEABILITY
The GEOWEB® system offers options for creating attractive, stable and permeable pavements for pedestrian and vehicular traffic requirements:
- grass pavements with an engineered topsoil/aggregate infill
- highly-permeable aggregate pavements

THE PERMEABLE GEOWEB® SOLUTION

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Features/Benefits of the GEOWEB® System

- The system’s 98% open-surface area addresses environmental issues; the system maximizes stormwater replenishment and minimizes runoff.
- Facilitates lateral cell-to-cell drainage beneath traffic areas, resulting in better performance in saturated soils.
- The perforated system provides root lock-up with vegetated systems and provides greater cell wall infill lockup with coarse materials.
- Perforations reduce the negative effects of ponding when the system is over a low permeable base.
- Contributes to LEED® green building credits for stormwater management, reduced heat island effect.