



GEOSYSTEMS

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NEW POROUS PAVEMENT SYSTEM ADDRESSES TRAFFIC AND STORMWATER NEEDS

(APPLETON, WI)—Presto Products Company-Geosystems has expanded its permeable pavement line of products with the new GEOPAVE™ system, a system developed to address the growing needs of the permeable pavement market. The high-strength, semi-rigid GEOPAVE units are manufactured from up to 97% recycled polyethylene and are similar in size to Presto's Geoblock paver units. The GEOPAVE design is unique, however, with its herringbone cell pattern and monolithic mesh bottom. The system is a structural framework ideally suited for containing and locking open graded aggregate infill in-place.

"Increases in green initiatives and compliance with stormwater regulations are driving the demand for pavements that allow natural rainwater infiltration and reduce stormwater runoff", says Bill Handlos, PE, CPESC, Director for Presto Geosystems. Permeability can be obtained through systems that are vegetated, aggregate-filled or porous, hard-surfaced. Aggregate-filled systems offer economical solutions for pavements while addressing these stormwater issues.

"There has been a rapid growth in the grass porous pavement market the past 10 years," adds Handlos. "However, grass pavements are only suitable for occasional or infrequent traffic requirements. But, when permeability is required for heavier more frequent traffic areas, other options - such as aggregate-filled systems, become attractive." The GEOPAVE system's two-inch cell depth and additional base (when designed for loading and stormwater requirements) acts like an on-site surface stormwater storage "basin".

While specifically designed for aggregate infill, the GEOPAVE system can also accommodate a topsoil/aggregate structural infill for vegetated surfaces.

The GEOPAVE pavement system can contribute to US Green Building LEED™ Credits in several categories, including Reduced Site Disturbance, Storm Water Management (quality and quantity), Reduced Heat Island Effect, and Recycled Material Content.

Presto Products Company has been an earth conscious, green steward for more than 30 years - manufacturing materials through reuse of recycled materials into useful, eco-friendly products with high environmental benefit and low environmental impact. www.prestogeo.com ###