# GEOBLOCK® Rigid Porous Pavement Systems Compared to Rolled Products

## 1. Best Turf Protection
Deeper, interconnected cell walls protect topsoil & vegetative root zone from compaction.

## 2. Best Medium for Vegetative Growth
The Geoblock system’s recommended engineered base with 30% topsoil component/70% aggregate retains water to grow grass faster and thicker-drivable in only 2-3 weeks. Grass grows poorly in sand (required infill for weak rolled products) and requires frequent watering.

## 3. Higher Stormwater Infiltration
The Geoblock system has a 5-10 times faster percolation rate and better water storage capacity than rolled products as a result of topsoil infill and engineered base vs. sand infill and road gravel.

## 4. Optimal Load Transfer
The Geoblock system’s shared wall structure transfers loads better and is strong enough to drive on pre-filled. Flimsy braces between rolled product cells offer little load support, break easily, cannot be driven upon unfilled, and are prone to rutting if driven on in rain.

## 5. Resistance to Torsional Loading Stresses
The Geoblock system’s shared wall system and interlocking tabs create a framework that resists movement or breakage from vehicle turning stresses and torsional loads. Rolled systems fail under torsional loading.

## 6. Less Base Requirements
Geoblock pavements require far less base depth than rolled systems. Less base = less cutting, less haul in and out, and less expense.

## 7. Ships in Stable, Easy to Handle Pallet Cubes
Geoblock units are shipped in stackable pallet cubes and cover a large area per pallet. Rolled products ship only two rolls per pallet standing on end and are not stackable without damaging connectors. Waste is common due to shipping damage.

## 8. Topsoil Infill Easy to Install
Geoblock rigid paving units lay flat, yet contour to a site. Units slide together quickly, requiring no stakes. Rolled products won’t lay flat due to the rolled product memory making connector clips difficult to connect.

## 9. Units Lay Flat