1. **Optimal Load Distribution.**
The GeoPave system’s shared wall system, strong connection clips and load-spreading mesh bottom (snow-shoe effect) offer an industry-high load transfer capability, eliminating ruts even in high traffic areas.

2. **Resistance to Torsional Loading Stresses.**
The GeoPave system’s shared wall system and strong connection clips create a framework that resists movement or breakage from vehicle turning stresses and torsional loads. Rolled systems fail under torsional loading.

3. **Less Base Requirements.**
GeoPave pavements require far less base depth than rolled systems. Less base = less cutting, less haul in and out, and less expense.

4. **Drive On Unfilled Facilitates Construction.**
GeoPave units are strong enough to drive on pre-filled which speeds construction. Flimsy braces between rolled product cells offer little load support, break easily, cannot be driven on unfilled.

5. **Integral Mesh Bottom Keeps Aggregate Contained.**
The GeoPave system’s monolithic mesh bottom keeps aggregate infill contained. This prevents the “lifting” effect from granular fill downward migration and is stronger than glued-on fabric solutions.

6. **Ships in Stable, Easy to Handle Pallet Cubes**
GeoPave 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.

7. **Aesthetic Herringbone Surface.**
The herringbone cell pattern within the GeoPave units offers an aesthetic appeal to the pavement surface.

8. **High Stormwater Infiltration.**
The GeoPave system with open graded aggregate allows the fastest stormwater infiltration. Rolled systems with glued fabric bottoms clog and percolate much slower.

9. **Units Lay Flat, Install Easily.**
GeoPave rigid paving units lay flat, yet contour to the site. Units join together quickly, and require no stakes. Rolled products won’t lay flat due to the rolled product memory making connector clips difficult to connect and require hundreds of stakes per unit area.