



## EcoRaster Ground Stabilization Mat

EcoRaster has been creating permeable pavement systems for over three decades. Made in North America for harsh and fluctuating climates, our pervious pavers and plastic grids are NATO certified and used throughout the world and provide:

- Durable – Military-Grade Strength
- Permeable- Superior Drainage
- Sustainable –100% post-consumer recycled plastic bags
- Reliable – Fully backed by a 20-Year Warranty



Ecoraster® E50 - heavy duty permeable pavement grid system

Infill with ground cover or grass for green space that withstands parking and foot traffic. Soil does not become compacted, so roots are protected



Each square foot of the plastic pavers is made of 85-95 recycled plastic shopping bags. A 50,000 sq ft parking lot keeps 4.5 million plastic bags from polluting the environment

Once filled with crushed stone, and compacted EcoRaster pavers create a strong and stable surface





# Stone Resin Surfacing LLC

*Permeable and Textured Paving*



Bloxx paving grids (far left) accept concrete pavers and E50 grid on right is filled with crushed stone

## Capabilities of E50 Grid

- Compressive strength 350 t/m<sup>2</sup> empty and 800 t/m<sup>2</sup> gravel filled
- HS-20 and HL-93 compliant, filled or unfilled, with a significant safety factor
- Runoff coefficient 0.10 - 0.15 gravel to 0.20 - 0.35 full vegetation
- Withstands metal tracked and heavy military vehicles
- Prevents soil compaction - allows long term permeable conditions
- Fast installation times – 1000 SqFt per person per hour

## Uses

- Vehicle, boat, and aircraft parking areas, and material storage yards
- Pedestrian and cart paths, playing fields, parks
- Access and secondary roads, shoulders, and fire lanes
- Construction entrances, building pads, and temporary work areas
- Pond banks, wetland, and slope stabilization – allows vegetation growth