

Grassy Pavers

STORMWATER MANAGEMENT

- ✓ With 93% open at the top of the cell and 46% open at the bottom, the **Grassy Pavers** porous paving system provides a multitude of stormwater management benefits. Grassy Paver meets greenspace and stormwater requirements while allowing for maximum functional space.
- ✓ Lower development and construction costs by using less land for stormwater measures. Eliminates the need for expensive drainage systems, retention ponds, and filtering systems while adding functional greenspace. Valuable for use in sensitive wetlands and with volatile ecological systems.
- ✓ Immediate replenishment of groundwater as stormwater percolates into the aquifer through the paver porous design. The most direct method of stormwater management uses a known % of void space with compacted aggregate and a known percolation rate of the existing subsoil, retention and dispersion rates which can be easily determined.
- ✓ The **Grassy Paver** depth of cell combined with the depth of the leveling sand layer along with a minimum 2-inch aggregate base (angular particle size ½ inch +/-) allows the system to percolate up to 8 inches of water per hour with a turf fill and over 10 inches per hour with an aggregate fill. These numbers increase as the depth of base increases.
- ✓ The **Grassy Paver** has a tested runoff coefficient of 1.2% (3-inch rainfall/hour). Solid, traditional paving only has a minimum runoff coefficient of 95%+ regardless of rainfall amount.
- ✓ The **Grassy Paver** is proven to be the most cost effective, practical and ecologically sound method of stormwater management. Made with a minimum of 97% recycled HDPE, it is good for the environment and ideal for runoff objectives.

Everyone benefits from the **Grassy Pavers** approach to paving and stormwater management.

The optimum synthesis of Ecology and Technology.