

GRASS CELL POROUS PAVING SYSTEM

STORMWATER MANAGEMENT

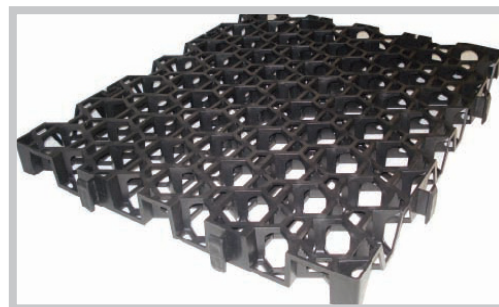
CREATE DRIVABLE GRASS SURFACES WHILE REDUCING THE VOLUME OF STORMWATER RUNOFF

Grass Cell allows occasional use impervious pavements to be converted to pervious and drivable grass surfaces with a runoff reduction of up to 90%.

The cellular system is ideal for use with warm season grasses, as it doesn't utilize solid vertical walls to support surface loads, but has lateral openings. Rhizomes and stolons use these openings to proliferate within the uncompacted soils within the structure, creating a self-healing turf.

COMMON APPLICATIONS INCLUDE:

- Access lanes
- Parking lanes
- Golf cart paths
- High-traffic pedestrian areas



ADVANTAGES

- Convert impervious pavements to pervious, drivable surfaces
- Limit stormwater runoff
- Reduce heat island effect
- Encourage infiltration to improve water quality
- Improve aesthetics
- Lateral openings allow roots to spread within protected soil layer

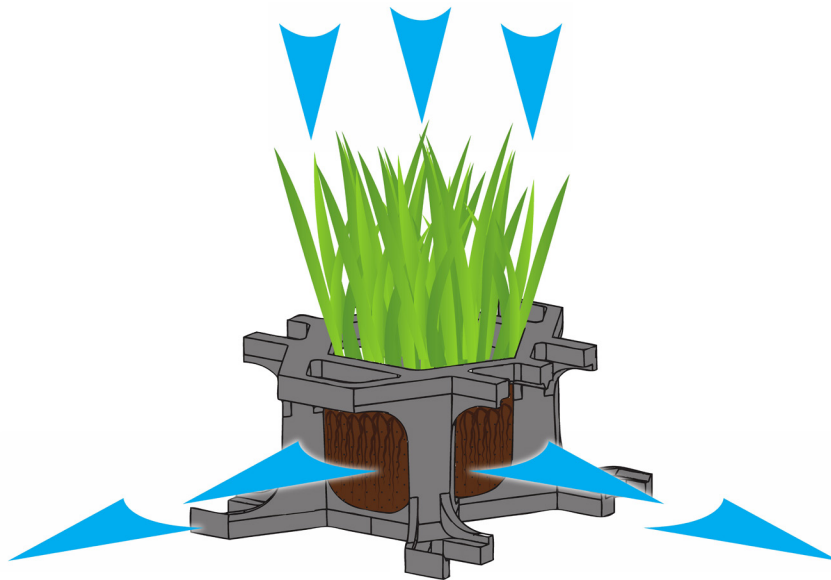
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SPECIFICATIONS

The base material of Grass Cell is 100% recycled polypropylene.

PROPERTY	MARV ENGLISH
Width	19.68 in
Length	23.62 in
Height	1.96 in
Area per piece	3.23 sf
Unit weight	1.24 lbs/sf
Surface open area	> 90 %
Internal void area	> 95 %
Service Temperature	-14 to 185 degrees Fahrenheit
Compressive strength (unfilled)	320.02 psi
Compressive strength (filled)	6,351.7 psi

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