



UrbanGreen™ GRASS PAVERS

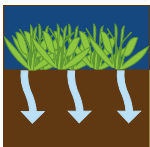
The UrbanGreen™ Grass Paver plastic grid system is an innovative, ecologically sound solutions for permeable paving. Versatility, durability and ease of use are all engineered into the UrbanGreen Grass Paver for exceptional performance under extreme conditions. The system provides durability at a competitive price.

An Innovative Grass Paver System

The UrbanGreen Grass porous paver system is a step above other plastic systems available on the market today. Years of dedication to design and testing have produced a lightweight plastic paver with unmatched strength and durability. The unique design of this system creates a fully functional and cost-effective alternative to conventional paving.



A Low Impact Development Technique



Porous pavers are a well-known and accepted low impact development (LID) technique to reduce impervious surfaces and promote infiltration, by utilizing porous pavers on fire lanes, access roads, or other surfaces that see limited use.

Some of the benefits of porous pavers include:

- Reduction in runoff volume
- Reduction in peak discharge rate
- Groundwater recharge
- Improved water quality
- Reduction in heat island effect

Benefits

- **Easy Installation** — Conforms to irregular surfaces
- **100% Post Manufactured Recycled Content** — An amazing advantage for the environment
- **Meets LEED® Performance Criteria** — Contributes toward earning points needed for LEED Certification
- **Incredible Load Bearing Strength** — Over 6,700 psi capacity when filled
- **Protection of Plant Root Zone System** — Grass paver applications
- **Versatile Design** — Surface infiltration and greenroof applications
- **Lightweight Construction** — Cost-effective to ship and install
- **Unique Connection System** — Allows for expansion and contraction
- **Locking Latches** — For faster assembly and tighter locking while maintaining expansion and contraction capability
- **Made in the USA**



Exceptional Performance Under Extreme Conditions

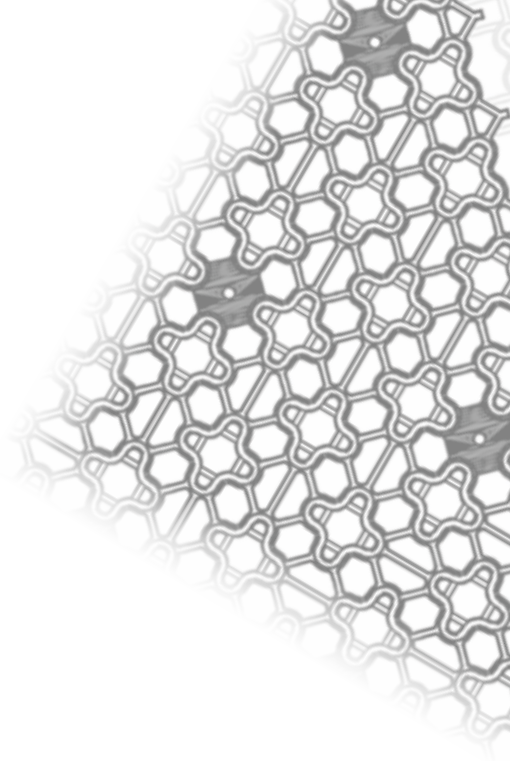


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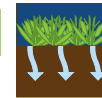


LOAD STRENGTH

With an unfilled compression strength of 493 psi (3399 kPa) and an incredible filled strength of 6,747 psi (46,518 kPa) the UrbanGreen Grass Paver has been independently tested to exceed AASHTO load requirements for highways and bridges with a multiple safety factor at even the highest level.



| Vehicle Type | Max Weight/Axle | | AASHTO Load Class | Surface Pressure | |
|-----------------------------|-----------------|-----------|-------------------|------------------|--------|
| | lbs | kg | | psi | kPa |
| ATV (Trailer Vehicle Only) | 1,200 | 544.31 | — | 3 | 20.68 |
| Passenger Vehicle | 3,000 | 1,360.78 | H10 | 7.5 | 51.71 |
| Light Truck | 3,000 | 1,360.78 | H10 | 7.5 | 51.71 |
| Pickup | 4,000 | 1,814.37 | H10 | 10 | 68.95 |
| 80 Hp Tractor | 5,700 | 2,585.48 | H10 | 14.25 | 98.25 |
| Service Vehicle | 7,000 | 3,175.15 | H10 | 17.5 | 120.66 |
| 100 Hp Tractor | 11,000 | 4,989.52 | H10 | 27.5 | 189.61 |
| Van Delivery Truck | 16,000 | 7,257.48 | H10 | 40 | 275.79 |
| Rural Fire Truck | 22,000 | 9,979.03 | H15 | 55 | 379.21 |
| Large Delivery Truck | 24,000 | 10,886.22 | H15 | 60 | 413.69 |
| Semi Delivery Truck | 24,000 | 10,886.22 | H15 | 60 | 413.69 |
| Garbage Truck (Single Axle) | 26,000 | 11,793.40 | H20/HS20 | 65 | 448.16 |
| Loaded Dump Truck | 30,000 | 13,607.77 | H20/HS20 | 75 | 517.11 |
| Heavy Delivery Truck | 32,000 | 14,514.96 | H20/HS20 | 80 | 551.58 |
| Heavy Semi Truck | 32,000 | 14,514.96 | H20/HS20 | 80 | 551.58 |
| Standard Log Truck | 33,600 | 15,240.70 | H25/HS25 | 84 | 579.16 |
| Concrete Transit Truck | 38,000 | 17,236.51 | H25/HS25 | 95 | 655.00 |
| Garbage Truck | 42,000 | 19,050.88 | H25/HS25 | 105 | 723.95 |
| Dump Truck | 43,000 | 19,504.47 | H25/HS25 | 107.5 | 741.19 |
| Off Highway Log Truck | 43,000 | 19,504.47 | H25/HS25 | 107.5 | 741.19 |



Technical Data

Paver size 32" x 32" x 1"

Weight: 2.9 lbs/unit

Load Bearing: 6,747 psi capacity (filled)

Material: Polypropylene/Polyethylene

Copolymer with Impact Polymer Modifier

Individual Square Area: 7.03 ft²



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