









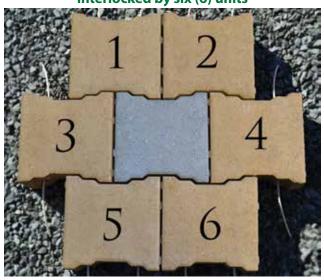
Infiltration Report
The PaveDrain® system was tested in accordance with ASTM C1701/ C1701M-09 by an independent third party engineering firm. The tests were conducted on different PaveDrain installations that had not been maintained on an average of more than 2 years and still infiltrated in excess of 1,500 inches/hour per one foot diameter.

	Test #1	Test #2
Inside Dia. of Infiltration Ring (in)	12.19	12.19
Elapsed Time of Test (sec)	20.9	21.95
Infiltration Rate (in/hr) (I=KM/(D2*tr)	) 1,630	1,560
Avg. Infiltration Rate (in/hr)	1,	595

## PaveDrain® System Properties

Thickness	5.65" (+ 1/8")
Unit Dimensions	12.00" x 12.00"
Unit Weight	45-49 lbs
Unit	1 Sq. Ft. Nominal

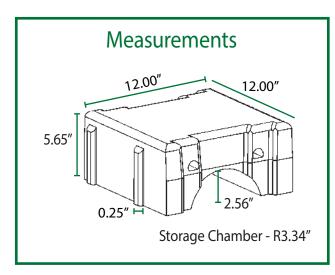
Percentage Open Space: 7% Surface, 20% Storage Area Each individual block is interlocked by six (6) units



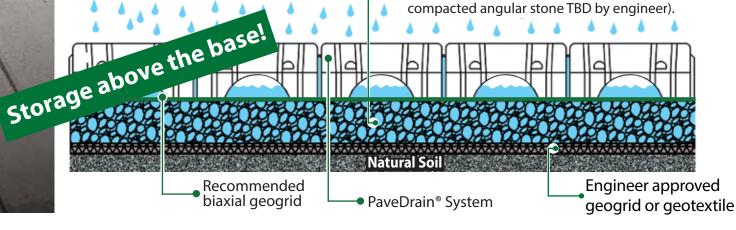
PaveDrain® System Blocks **End View Cross Section** 



Passes AASHTO HS-25 Truck Loading



4"-8" Minimum bedding stone compacted to no movement. Stone to be 3/4" - 1"dia. clean, angular. No fines. (Thicker cross sections with larger, compacted angular stone TBD by engineer).





## Maintenance and Repair

The PaveDrain System is designed as an open joint concept between the blocks. Existing installations have required little, if any maintenance over multiple years. If the joints become filled or obstructed, maintenance is accomplished by using a vacuum truck or a combination sewer vacuum truck and the PaveDrain Vac Head. If a significant amount of sediment accumulates in the aggregate bedding stone, part or all of the PaveDrain system can be removed allowing the subgrade to be cleaned and then the same product re-installed. Repair of individual PaveDrain blocks can be accomplished without removing the (mat) cables. For more detailed information on these topics go to www.pavedrain.com and select Installation & MAINTENANCE and then click REPAIR.





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# Additional Benefits

- Up to 5 LEED Credits: Sustainable Sites; Credit 6.1, 6.2, 5.1, 5.7 & Materials & Resources: Credit 5.1.
- Initial installations show a drastic reduction in the use of deicing salts over traditional asphalt and concrete surfaces.
- Installed by hand or with conventional construction equipment in all types of weather for fast, economical installations.
- Available in multiple mat sizes for customized applications
- Available in several color options
- No seams to catch on steel snow plow blades.
- Increased skid resistance over traditional pavements.
- Solar Reflectance Index (SRI) range of 36 41 for lighter colored units.
- Unlike traditional catch basins, varmints cannot enter drainage system.
- Regional manufacturing supporting local economies.
- Adaptable to small areas (retrofits) where retention ponds are outdated or not practical.

Represented Locally By:

### PaveDrain, LLC Global Water Center 247 Freshwater Way Milwaukee, WI 53204 (888) 575-5339 Office www.pavedrain.com

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The PaveDrain System is protected by the following U.S. and Canadian Patents; U.S. No. 8,251,607, No. D609,369, No. 8,366,343 & Canadian No. 133082. Additional patents pending.