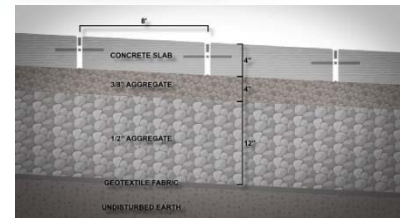


# BuildingGreen Announces Bio-Microbics “d-Rain Joint” as a “Top 10 Product for 2017”

- Exterior Products: Rainwater Drainage for impermeable surfaces
- 2017 Top 10 Green Building Products of the Year, BuildingGreen, Inc., “These Products Transform the Building Industry” – d-Rain Joint™ Device



OCTOBER 2016 – Shawnee, Kansas - For the past 15 years, BuildingGreen.com reviews, evaluates and keeps the builders in formed of innovative and “game-changing” products, from doors to drains, which will transform the environmental impact of residential building. The Program recognizes those green building products that significantly improve upon standard “business-as-usual” practices. These products help transform the industry by conserving energy and water, reducing emissions, and fundamentally changing how we approach our building systems.



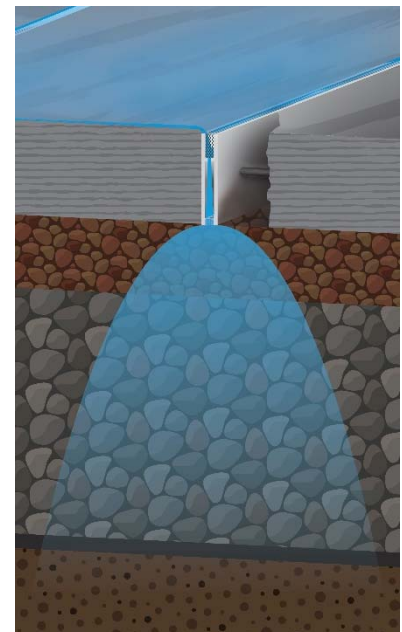
Inc., presented the company’s 15th annual selection of green products that have the potential to change the way we build homes, infrastructure, and communities to better serve the environment around us. The Vermont-based resource provides guidance for builders and designers on green projects and evaluates products for sustainability.



The list touched on numerous aspects of the building process, from conserving electricity to reducing construction waste to replacing traditional materials with healthy alternatives. Here, we’ve put a spotlight on seven of the list’s products that are game-changers in the realm of residential home building and go beyond just “business as usual”.

“While it’s interesting to review these products,” says Ehrlich. “The work that goes into a water-focused, green-building product coverage is of particular interest. Based on Bio-Microbics commitment to provide innovative water, wastewater and stormwater products, and the d-Rain Joint is unlike any rainwater harvesting or other device we seen to solve a problem in the most simplistic, inventive way.”

As a Sustainable Drainage System (SuDS), the [d-Rain Joint Rainwater Filter Drain](#): It can be tricky to implement water drainage systems to control storm water runoff on the jobsite, not to mention costly, wasteful, and inefficient. The d-Rain system provides a simple, low-cost system that manages runoff in a better way than traditional “storm drainage systems” with a 5 gallon per minute flow. A built-in replaceable filter also prevents large debris from entering the channel in the runoff water.



*“Stormwater running off impervious surfaces carries pollutants into watersheds, raises the temperatures of those waters, and causes flooding and erosion; and that water no longer recharges aquifers. Permeable surfaces such as pavers can be expensive solutions that might not meet design needs, and*

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*many onsite stormwater systems are expensive to install.*

*The d-Rain Joint 6061-T6 (aluminum) and PPIC ("concrete grey" plastic) Rainwater Filter Drain installs and looks like a standard expansion joint used in concrete slabs, yet it provides a gap slightly smaller than 1" wide that allows water to flow through to subsurface drainage. Available in aluminum or in gray polypropylene, it comes in 8' lengths and can be installed in concrete or asphalt driveways, sidewalks, and other applications. The d-Rain allows drainage at 2 gallons per minute per linear foot, up to a maximum of 5 gpm/linear foot. The PPIC can be doubled up to increase drainage height to match higher traffic-loading requirements from 4" to 6" or 8" thickness pavements. The joints come with a replaceable filter to keep debris from entering the channel.*

*Used in place of pavers and other drainage systems, the d-Rain offers a cost-effective solution to stormwater runoff that could also reduce the size or need for retention ponds and other associated stormwater drainage networks systems."*

**About Bio-Microbics, Inc.:** Bio-Microbics specializes in the design of water, wastewater, greywater, and stormwater collection, treatment, and disposal systems to serve remote or decentralized areas and communities in over 70 countries. Most of these locations are without the potential to connect to regional sewer lines. Bio-Microbics wastewater designs include multiple treatment technologies such as fixed media treatment units, extended aeration package plants, membrane bioreactors, and trickling filter technologies. Through an analysis of project conditions and a construction and life-cycle assessment, we recommend the technology and installation approach that will best serve the wastewater treatment project needs.

As a leading manufacturer of Simple, Low-Cost, Robust wastewater (residential, commercial, & marine), graywater, water recycling, and stormwater treatment systems, Bio-Microbics ensures a clean environment and opportunities for water reuse...FITT® for the Purpose Intended. This is the guiding principal in our products and systems to sustainably recycle water back into the environment or available for water reuse. At BIO-MICROBICS, our experience in solving unique wastewater challenges for our clients includes cultivating positive relationships with regulators and a thorough understanding of each site's natural environmental attributes.



Figure 1: The d-Rain Joint installs and looks similar to a standard expansion joint yet manages onsite stormwater from impermeable surfaces. -- Bio-Microbics, Inc.