

Biopod™ System

with StormMix™ Media

Biofiltration

Environmentally Friendly

Aesthetically Pleasing

Low Maintenance



**Stormwater
Treatment
Naturally**

 **Oldcastle Infrastructure™**
A CRH COMPANY

BioPod™ systems utilize an advanced biofiltration design for filtration, sorption and biological uptake to remove total suspended solids (TSS), dissolved metals, nutrients, gross solids, trash and debris as well as petroleum hydrocarbons from stormwater runoff. BioPod systems are a proven, Low-Impact Development (LID) solution for stormwater treatment that integrate seamlessly into standard site drainage and can accommodate a wide variety of vegetation to meet green infrastructure requirements.

Biofilter system. Stormwater treatment naturally.

BioPod™ uses proprietary StormMix™ media, an engineered, high-flow media to enable treatment of a large area in a compact footprint. The BioPod system comes as an all-in-one, single-piece unit composed of durable precast concrete for ease of installation and a long service life. Offering flexibility of design and construction for your storm drain system, the BioPod system is offered in four configurations: planter, tree, surface, and underground.

High-Flow Bypass

BioPod system offers an optional internal high-flow bypass that eliminates the need for a separate bypass structure, reducing costs and simplifying design so unit can be placed in a “sag” condition.

Hydromodification

BioPod system can be used in conjunction with other Oldcastle detention systems to address hydromodification and water treatment requirements. Collected flows may be utilized to supplement irrigation of the unit or surrounding vegetated areas by integrating a harvesting system, reducing consumption of local potable water.

LEED with BioPod

The BioPod system is approved by regulatory agencies in Washington, New Jersey, and many others. The BioPod may assist in earning LEED credits for:

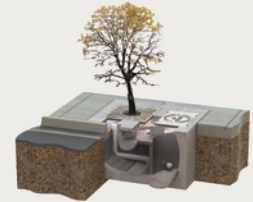
- Sustainable Sites
- Water Efficiency
- Materials & Resources



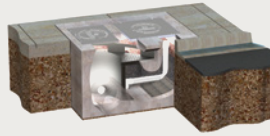
BioPod Configurations



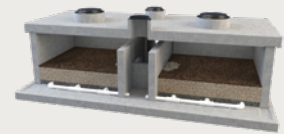
BioPod Planter
Vault with media and vegetation.



BioPod Tree
Vault with media and tree(s).



BioPod Surface
At-grade vault with media only, no vegetation.



BioPod Underground
Below-grade vault with media only, no vegetation.

Standard Sizes

BioPod units (planter, tree, surface and underground) are available in many standard sizes to meet most site-specific requirements. Contact your local Oldcastle Infrastructure representative for additional sizes.

- 4' x 4'
- 4' x 6'
- 4' x 8'
- 4' x 12'
- 6' x 6'
- 6' x 8'
- 6' x 12'
- 8' x 12'
- 8' x 16'

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Full scale solutions.



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