

Lightweight Material

Customizable and Scalable System Footprint

High Strength and Stability

Stackable Modules

High Storage Capacity

Simplistic Build Snaps Into Place

ACO StormBrixx 300 HD

Geocellular Stormwater Storage Product for
Detention, Retention, Reuse, & Infiltration Systems

Highly Efficient, Robust Design

StormBrixx 300 HD system is a low-profile geocellular stormwater management system with an innovative, compact design. This high storage capacity system reduces excavation and backfill requirements while maximizing water storage efficiency. Its unique pillar configuration and brick-bonding pattern ensure unparalleled stability and ease of maintenance access.

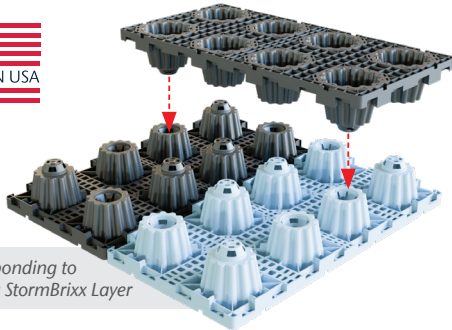
Typical Applications

- High Water Tables
- Restricted Depth Applications
- Restricted Footprint Applications



Versatile and Sustainable

The lightweight, stackable StormBrixx 300 HD offers a variety of assembly options to form an open, bonded structure. Each polypropylene component is designed for a quick, simple installation, which significantly cutting down project timelines.



Brick-bonding to form a StormBrixx Layer

Durability and Compliance

Manufactured in the USA, every component of StormBrixx 300 HD meets rigorous AASHTO HS-25 load conditions. This system provides a reliable and enduring stormwater management solution, aligning with sustainable infrastructure goals.

- Minimal product footprint for maximum stormwater runoff management
- Design life of 50 years

Convenient Compact Build

The compact height of StormBrixx 300 HD allows a tank to stay above the high groundwater table while still providing stormwater storage.

Further benefits of StormBrixx 300 HD's compact height include:

- Limited depth installation options
- Easier to install and maintain alongside existing structures and utilities

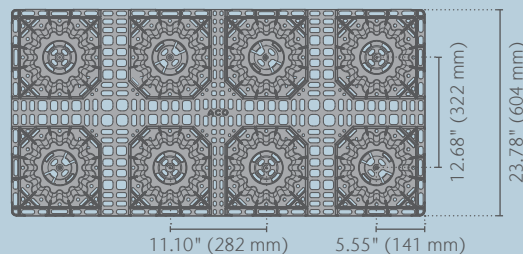
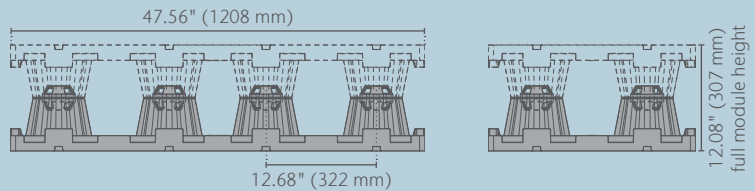
StormBrixx 300 HD Details

Full Module Dimensions ¹	47.56" (1208 mm) x 23.78" (604 mm) x 12.08" (307 mm)
Half-Module Weight	17.0 lbs (7.7 kg)
Max. Depth to Invert ²	14.16' (4.32 m)
Full Module Void Ratio ¹	93.8%
Full Module Volume ¹	Net: 7.42 ft ³ (0.21 m ³), Gross: 7.91 ft ³ (0.22 m ³)
Number of Full Layers ³	1–3
Vertical Strength ⁴	66.0 psi (455 kPa)
Lateral Strength ⁴	13.8 psi (95 kPa)
Max. AASHTO Design Truck	HS-25
Max. Cover Depth ²	11.16' (3.40 m)
Design Life	50 years

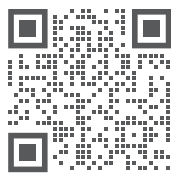
1. A Full Module is equal to two Half-Modules connected vertically (see drawing below).
2. Ground improvements may be required. Groundwater is below the tank invert. Contact ACO for more information.
3. The height of one layer is equal to the height of one Full Module. Please consult ACO for use with system heights greater than four layers.
4. Modules only (no backfill or top covers).

Half-Module 300 HD

part no. 138462



Other StormBrixx 300 HD Parts	Part No.
Side Panel	138461
Top Cover	140213
Layer Connector	314093



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