Lightweight Material

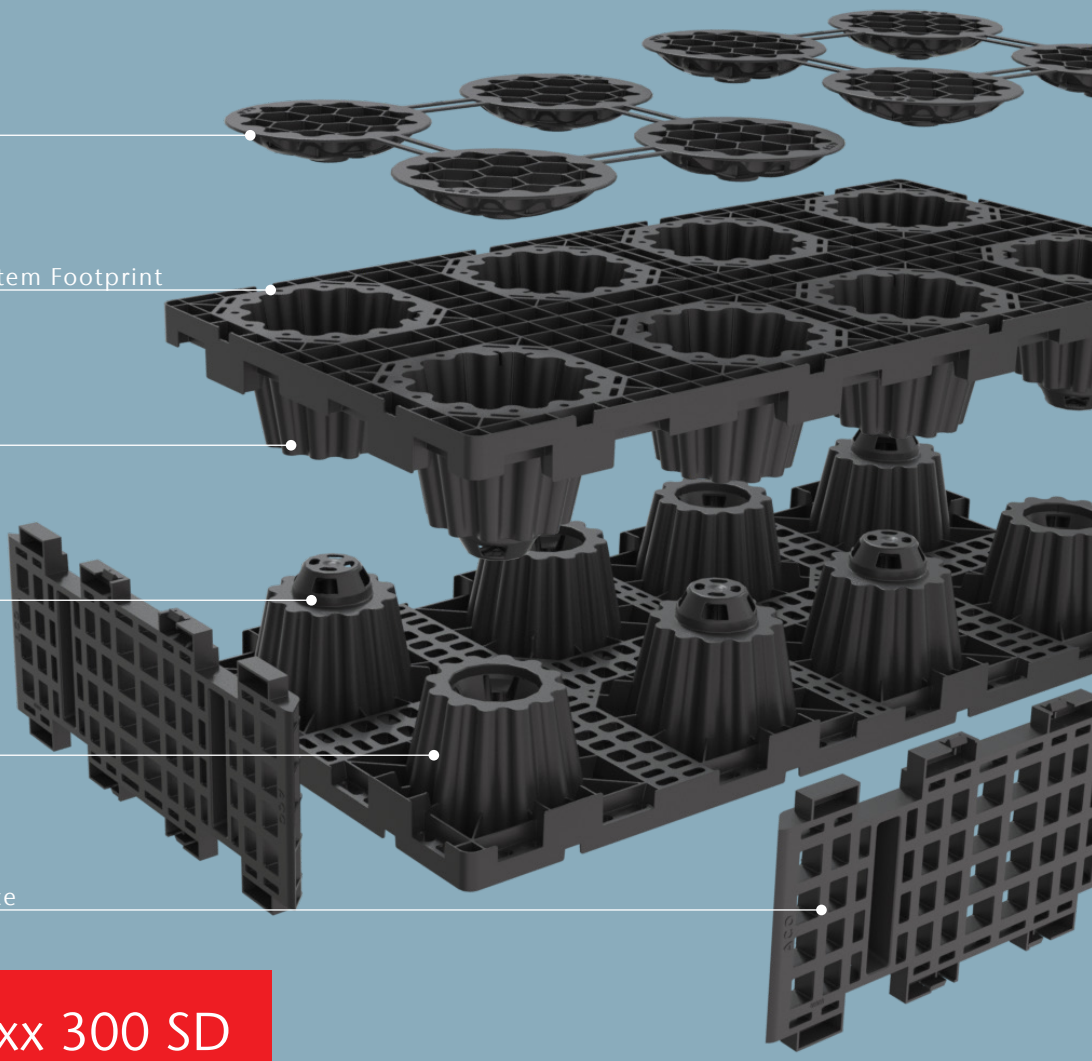
Customizable and Scalable System Footprint

High Strength and Stability

Stackable Modules

High Storage Capacity

Simplistic Build Snaps Into Place



ACO StormBrixx 300 SD

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

Highly Efficient, Robust Design

StormBrixx 300 SD 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.

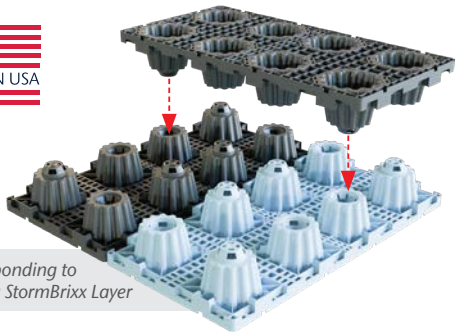
Typical Applications

- High Water Tables
- Restricted Depth Applications
- Restricted Footprint Applications
- Compatible with StormBrixx 900 SD

Versatile and Sustainable

The lightweight, stackable StormBrixx 300 SD 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.

MADE IN USA



Brick-bonding to form a StormBrixx Layer

Durability and Compliance

Manufactured in the USA, every component of StormBrixx 300 SD meets rigorous AASHTO HS-20 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 SD allows a tank to stay above the high groundwater table while still providing stormwater storage.

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

- Limited depth installation options
- Easier to install and maintain alongside existing structures and utilities
- Compatible with the taller StormBrixx 900 SD, allowing you to meet specific height requirements with minimal product

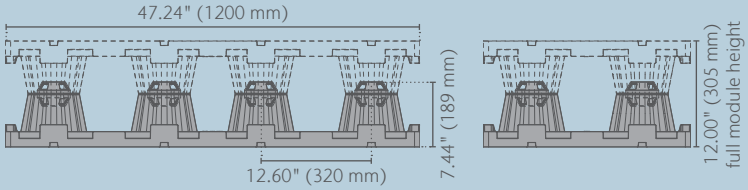
StormBrixx 300 SD Details

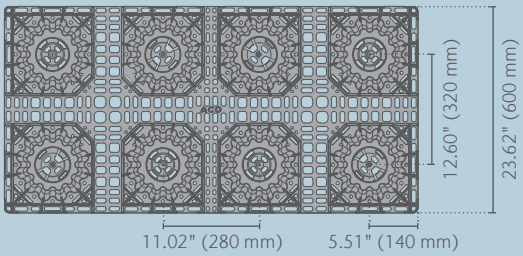
Half-Module Dimensions	47.24" (1200 mm) x 23.62" (600 mm) x 7.44" (189 mm)
Assembled Module Height	12.00" (305 mm)
Half-Module Weight	13.8 lbs (6.3 kg)
Max. Depth to Invert[1]	14.16' (4.32 m)
Full Module Void Ratio[2]	93.8%
Full Module Volume[2]	Net: 7.28 ft³ (0.21 m³), Gross: 7.75 ft³ (0.22 m³)
Number of Full Layers[3]	1–3
Vertical Strength[4]	50.8 psi (350 kPa)
Lateral Strength[4]	10.2 psi (70 kPa)
Max. AASHTO Design Truck	HS-20
Max. Cover Depth[1]	6.50' (2.00 m)
Design Life	50 years

1. *Ground improvements may be required. Groundwater is below the tank invert. Contact ACO for more information.*
2. *A Full Module is equal to two Half-Modules connected vertically (see drawing below).*
3. *The height of one layer is equal to the height of one Full Module. Please consult ACO for use with StormBrixx 900 SD modules and/or system heights greater than four layers.*
4. *Modules only (no backfill or top covers).*

Half-Module 300 SD

part no. 138574





Other StormBrixx 300 SD Parts	Part No.
Side Panel	138573
Top Cover	140213
Layer Connector	314093

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