

Lightweight Material

Customizable and Scalable System Footprint

High Strength and Stability

Highly Accessible for Inspection & Cleaning

Simplistic Build Snaps Into Place

97% Void Ratio

Stackable Modules

ACO StormBrixx HD 900

Geocellular Stormwater Management Solution
for Infiltration, Attenuation & Retention Systems

Highly Efficient, Robust Design

StormBrixx HD 900 system is a high-profile geocellular stormwater management system with an innovative design. Boasting a 97% void ratio, this 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

- ⌂ Restricted Footprint
- ⌂ Storage Areas
- ⌂ Light traffic areas/parking areas
- ⌂ Green Infrastructure
- ⌂ Pavement Subsurface
- ⌂ Landscape Subsurface
- ⌂ Traffic routes with heavy traffic (Only in consultation with ACO application engineer)



Versatile and Sustainable

The StormBrixx HD 900 is a lightweight, stackable solution designed with versatility in mind, allowing for various assembly configurations to create an open, bonded structure. Crafted from polypropylene, it ensures quick and straightforward installation, greatly reducing project timelines. Its recyclable material and efficient logistics contribute to a low carbon footprint.



Brick-bonding to form a StormBrixx Layer

Durability and Compliance

Every components of StormBrixx HD 900 meets rigorous EN17152-1 (CIRIA C737) even at 40 degree Celcius 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 over 50 years

Convenient High-Profile Build & Easy Maintenance

The extended height of StormBrixx 900 HD allows a tank to provide high-capacity stormwater storage with minimal product and straightforward inspection and maintenance.

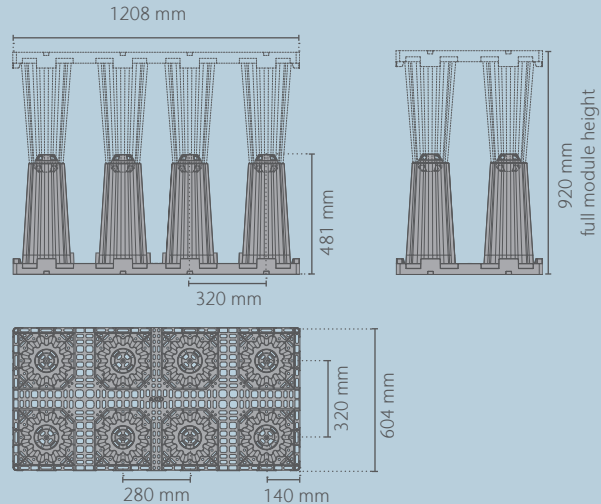
Certificates



StormBrixx HD 900 Details

PROPERTY		VALUE	
General		1 Layer	0.5 Layer
Material		PP	PP
Length (mm)		1208	1208
Width (mm)		604	604
Height (mm)		920	481
Total Volume (l)		675	351
Weight (kg)		24.8	12.4+3.8
Void Ratio (%)		97	97
Load (kN/m ²)			
Short term compressive strength – vertical		603	
Short term compressive strength – lateral		135	
Long term compressive strength – vertical		195	
Installation			
Max. Number of Layers		4	
Min.		300	
Coverage (mm)		600	
		800	
		4200	
Max. Coverage (mm)		4200	
Max. Installation Depth (mm)		6040	

Half Module HD 900



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ACO. we care for water

