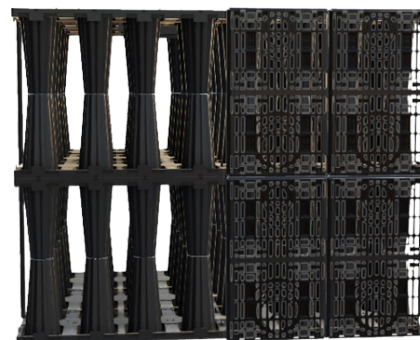


ACO Stormbrixx HD900

Infiltration & Attenuation System

ACO Stormbrixx HD900 is a patented plastic Geocellular Stormwater management system with a versatile design suitable for various construction environments, either as a standalone solution or part of a Sustainable Urban Drainage Scheme (SuDS).

The system serves as both a rainwater storage and infiltration system, utilizing interlocking connectors for enhanced structural strength and facilitating unrestricted inspection and maintenance. Stormbrixx's stackable design streamlines delivery, thereby reducing CO2 consumption and storage space by over half compared to conventional systems



Functionality

The Stormbrixx modular cells are assembled to create a framework that collects rainwater from the roofs or surface drains. Subsequently, this rainwater can be attenuated within the framework using an impermeable membrane or infiltrated through the structure using a permeable geotextile.

Product Benefits

- Extraordinary stability including brick bonding
- Environmentally friendly, sustainable solution
- Over 15 years experience in projects globally
- Certified performance with beyond the standards and high frequency series production testing internally and by third party
- High void ratio (97%) to minimizes excavation volume
- Easy logistics and handling
- Remote and man access for ease of maintenance
- 100% recyclable
- Tested for EN17150 (short term & creep test) & EN17151 (long term creep rupture test)
- Designed for trafficked and loaded applications
- Long term performance according to EN17152-1

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. Coverage (mm)	No Traffic	300	
	Car accessible (7t)	600	
	Truck accessible (60t)	800	
Max. Coverage (mm)		4200	
Max. Installation Depth (mm)		6040	

Certificates

- DIBt (Z-42.1-500)
- EN17152-1 - Infiltration boxes for non pressure underground conveyance of stormwater
- High Temperature tested (40°C)
- High-pressure cleaning capability certified
- Tested for earthquake