



## ACO StormBrixx SD, HD900 and HD

### DATA SHEET

The ACO StormBrixx is a unique and patented plastic geocellular stormwater management system.

Its versatile design allows the system to be used in applications across all construction environments as a standalone solution or as part of an integrated Sustainable Drainage System (SuDS).

The range consists of StormBrixx SD (standard duty) and StormBrixx HD (heavy duty) stormwater management systems. StormBrixx SD is manufactured from recyclable polypropylene and has a design life of 50 years, whilst StormBrixx HD is manufactured from recycled polypropylene and has a design life of 60 years.

#### Benefits

- Fully certified performance - DiBt, MFP, compliance with BS EN 17152-1
- Brick bonding and cross bonding for optimum stability
- Remote and man access for ease of maintenance
- High void ratio which minimises excavation volume (97% for SD and HD900, 95% for HD)
- Reduced CO<sub>2</sub> emissions



ACO StormBrixx SD, HD900 and HD

#### Simplified handling and logistics

- Compact delivery method with stackable nested design allowing up to four times fewer deliveries
- Unique stackable design that simplifies on site storage and handling during installation
- Time savings: movement on site and installation

## The ACO StormBrixx Range



Complies with BS EN 17152-1

### NEW — ACO StormBrixx HD900

Void ratio:	97%
Short term vertical compressive strength:	605kN/m <sup>2</sup>
Short term lateral compressive strength:	120kN/m <sup>2</sup>
Accessibility:	Remote access
One layer height:	920mm

Product Code	Description	Length [mm]	Width [mm]	Height [mm]	Weight [kg/m <sup>2</sup> ]
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#### Components overview - dimensions and weights

314054	Half Body	1208	604	460/496	12.3
314091	Side Panel	907	592	104	3.13
314092	Top Cover	550	550	45	0.76
314094	Half Layer Cover Plate	1200	600	94	3.66
314098	Half Layer Side Panel	450	592	104	1.5



### ACO StormBrixx HD

Void ratio:	95%
Short term vertical compressive strength:	455kN/m <sup>2</sup>
Short term lateral compressive strength:	95kN/m <sup>2</sup>
Accessibility:	Man access & remote access
One layer height:	612mm

Product Code	Description	Length [mm]	Width [mm]	Height [mm]	Weight [kg/m <sup>2</sup> ]
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#### Components overview - dimensions and weights

314061	Half Body GF	1205	602	306/343	10
314021	Side Panel	580	580	35	1.6
314022	Top Cover	550	550	43	0.8



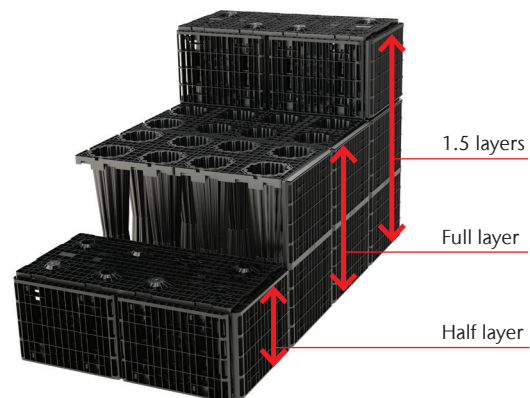
### ACO StormBrixx SD

Void ratio:	97%
Short term vertical compressive strength:	350kN/m <sup>2</sup>
Short term lateral compressive strength:	70kN/m <sup>2</sup>
Accessibility:	Remote access
One layer height:	914mm

Product Code	Description	Length [mm]	Width [mm]	Height [mm]	Weight [kg/m <sup>2</sup> ]
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#### Components overview - dimensions and weights

314090	Half Body	1200	600	494	9.41
314091	Side Panel	907	592	104	3.13
314092	Top Cover	550	550	45	0.76
314094	Half Layer Cover Plate	1200	600	94	3.66
314098	Half Layer Side Panel	450	592	104	1.5



The ACO StormBrixx SD and HD900 half layer is suitable for where installation depth is restricted.

#### ACO Water Management Contacts:

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ACO. we care for water

