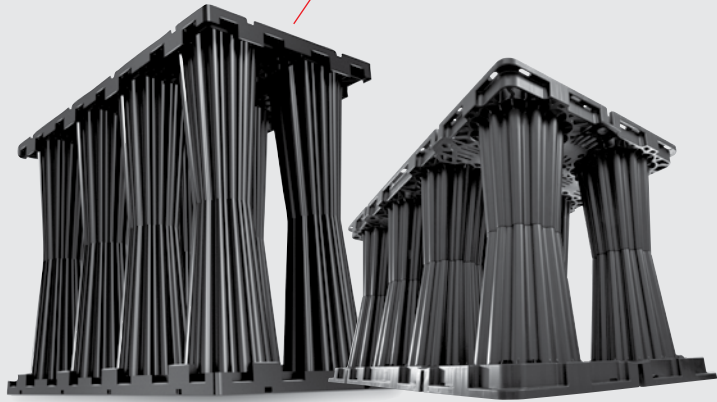


ACO StormBrixx®

ACO StormBrixx are modular, sustainable underground stormwater tanks made from recyclable polypropylene. They are designed for retention, detention and infiltration purposes across a wide range of applications and environments.

StormBrixx SD (standard duty)
50 Year Design Life



StormBrixx HD (heavy duty)
60 Year Design Life



Brickbonding



Cross Bonding

- Structural integrity
- Easy access and maintenance
- Simplified logistics
- 95% - 97% high void ratio
- Recyclable polypropylene

System Benefits

- Brickbonded and cross bonded connection for optimal stability
- Maintenance and inspection access to tank interior
- Environmentally efficient solution, minimising carbon emissions in manufacture, transportation and on-site assembly
- High void ratio minimises excavation volume
- Fully certified performance
- Manufactured from recyclable polypropylene
- Suitable for industrial, commercial and residential applications



More information
and downloads



StormBrixx SD

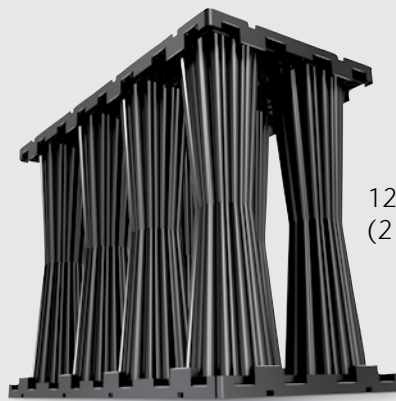
Applications

- Landscaped areas
- Pedestrian areas
- Driveways, car parks, up to 16 tonne vehicles
(For heavier vehicles, assess with Structural Calculator)

SD unit parameters

Net storage per unit:	0.638 m ³
Number of layers:	0.5 to 3 layers
Vertical strength:	350 kN/m ²
Lateral strength:	70 kN/m ²
Design life:	50 years
Typical cover:	0.5m - landscaped 0.6m - car parks

(For reduced cover, assess with Structural Calculator)



SD body

1200 x 600 x 914mm
(2 half bodies = 1 layer)



HD body

1200 x 600 x 610mm
(2 half bodies = 1 layer)

StormBrixx HD

Applications

- All SD applications
- Delivery vehicles, semi-trailers, up to 30 tonnes
(For heavier vehicles, assess with Structural Calculator)

HD unit parameters

Net storage per unit:	0.417 m ³
Number of layers:	0.5 to 4 layers
Vertical strength:	455 kN/m ²
Lateral strength:	95 kN/m ²
Design life:	60 years
Typical cover:	0.5m - landscaped 0.6m - car parks 0.8m - truck traffic

(For reduced cover, assess with Structural Calculator)

Free Technical Services:

StormBrixx Configurator

Determines the ideal tank size for stormwater management by calculating tailored solutions for retention, detention or infiltration. It provides detailed reports on tank dimensions, materials, and assembly estimates, supporting efficient hydraulic design.

Structural Calculator

Determines if StormBrixx can withstand project loads by considering factors like vehicle weight, cover depth, tank height, groundwater and soil conditions. It flags any failed calculations in red, allowing designers to adjust inputs for an accurate and safe design.



StormBrixx
Configurator



Structural
Calculator