

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 construction environments.



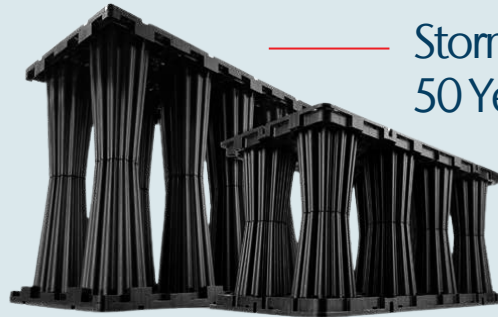
95 % - 97 %
high void ratio

Recyclable
polypropylene

Structural integrity

Easy access &
maintenance

Simplified logistics



StormBrixx SD
50 Year Design Life

standard duty (up to 9 tonnes)

StormBrixx HD
60 Year Design Life

heavy duty (over 9 tonnes)



More information &
downloads

System Benefits

- Brick bonded and cross bonding connection for optimal stability.
- Sediment bay and silt trap options for silt management.
- Maintenance access and 3D 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 all industrial, commercial and residential applications.



StormBrixx SD

Applications

- Landscaped areas, no vehicles
- Landscaped areas with ride on mowers
- Pedestrian areas
- Driveways, car parks, up to 9 tonne vehicles (solid pavement required)
- For applications with high ground water

SD unit parameters

No. of layers: 1-3 layers

Vertical Strength: 350 kN/m²

Lateral Strength: 70 kN/m²

Design Life: 50 years

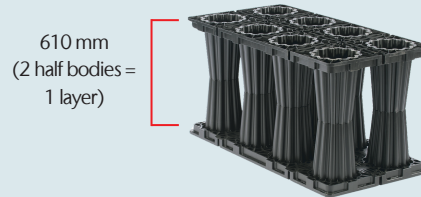
Minimum Cover – Landscaped: 0.5m

Minimum Cover – Car parks: 0.6m

Maximum Installation Depth: 4.5m



SD Body



HD Body

StormBrixx HD

Applications

- Same as SD plus:
- Fire trucks, delivery vehicles, semi-trailers (30 tonnes) (solid pavement required)
- For applications with semi-trailers and/or high ground water

HD unit parameters

No. of layers: 1-4 layers

Vertical Strength: 455 kN/m²

Lateral Strength: 95 kN/m²

Design Life: 60 years

Minimum Cover – Landscaped: 0.5m

Minimum Cover – Car parks: 0.6m

Minimum Cover – Truck traffic: 0.8m

Maximum Installation Depth: 6.0m

StormBrixx free Tech Services:

StormBrixx Configurator

Determine the ideal tank size for stormwater management, 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

The Structural Calculator assesses if a product can withstand applied loads by considering factors like system height, groundwater, soil, and traffic conditions. It flags any failed calculations in red, allowing designers to adjust inputs for an accurate and safe design.



StormBrixx
Configurator



Structural
Calculator