

SDS Rigofill

Stormwater Storage System

SDS Rigofill light weight stormwater storage and infiltration units are ideal for construction projects where site storage space is limited and reductions in transportation costs can be achieved.



Rigofill ST full block



Rigofill ST-B full block



Rigofill ST half block



Rigofill ST-B half block

SDS Rigofill has a storage volume capacity of over 96% and can accommodate up to three times the amount of water that gravel swales can.

→ *Column design*

→ *Stackable blocks*

→ *Snap connections between blocks*

→ *Robust polypropylene construction*

→ *Low weight*

→ *Cross-shaped inspection tunnel*

→ *Available also in half-size units*

→ *Simple installation pattern*

Features	Benefits
Column design.	Provides a high void rate (>96%) minimising installation footprint.
Stackable blocks.	Saves 88% of storage space compared to storage / infiltration units that cannot be stacked.
Robust polypropylene construction.	Ensures a lifespan of >50 years.
Low weight (<20kg).	Can be pre-assembled outside the excavation pit and easily moved around on site, requiring no heavy machinery.
Easy, high tensile strength, snap connections between blocks.	Guarantees anti-twist connections during assembly, thereby optimising the blocks' performance potential.
No requirement for a complex installation pattern.	Assembly can be completed quickly by one person, therefore saving resources and limiting costs.
Designed to withstand heavy loads.	Can be used in trafficked areas.
Cross-shaped inspection tunnel.	Enables every part of the system to be inspected (and flushed if required).
Lateral guide rails.	Ensures the smooth operation of an inspection camera.

SPECIFICATIONS

	Rigofill ST	Rigofill ST-B
Material	Polypropylene PP	Polypropylene PP
Colour	Green	Black
Standard length (full / half block)	800mm	800mm
Standard width (full / half block)	800mm	800mm
Standard height (full / half block)	663mm / 355mm	663mm / 355mm
Weight (full / half block)	16kg / 11kg	16kg / 11kg
Void ratio	96%	96%
Gross volume (full / half block)	422 litres / 224 litres	422 litres / 224 litres
Storage volume (full / half block)	406 litres / 212 litres	406 litres / 212 litres
Maximum cover	Up to 4 metres	Up to 2.5 metres
Maximum invert level (down to:)	6 metres	4 metres
Stackability	Horizontal and vertical	Horizontal and vertical
Inspection tunnel W x H	160mm x 590mm	160mm x 590mm
Inspection shaft L x W x H	800mm x 800mm x 663mm	800mm x 800mm x 663mm

Note: Rigofill is manufactured by Fränkische Rohrwerke and supplied exclusively by SDS in the UK.

RIG DS/0818