

# Rigofill – Part of Tricel’s Nero Range Stormwater Storage System



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-A full block



Rigofill ST-S full block



Rigofill ST-A half block



Rigofill ST-S half block

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*
- *Low weight*
- *Stackable blocks*
- *Cross-shaped inspection tunnel*
- *Snap connections between blocks*
- *Available also in half-size units*
- *Robust polypropylene construction*
- *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-A	Rigofill ST-S
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