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# TRITON

## STORMWATER CHAMBER SYSTEM

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# TRITON STORMWATER CHAMBER SYSTEM

The Triton stormwater system is suited for subsurface stormwater management including infiltration, retention, detention and conveyance. The Triton stormwater system offers developers the tools they need to meet these demands with an easy to use underground system that saves time and money.

This system combines eco-friendly materials with an ultra durable yet lightweight design that is easy to install and maintain. It also saves on space, as the chambers can be double-stacked in many applications, reducing the footprint.

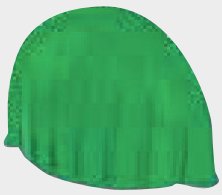
Triton offers excellent resistance to both short term traffic loading and long term dead loads. The Triton system is rated to withstand axle loadings of up to 21.77 tonnes and can be buried with up to 15m of soil over-burden. The Triton system is backed by a comprehensive manufacturers guarantee.

The chambers, constructed from soy based resins, are easy to handle and set into place. The interlocking design allows for a quick connection to the chambers to create the required row lengths. Their strength allows for speedier backfill rates and shallower depth requirements than competitive products.

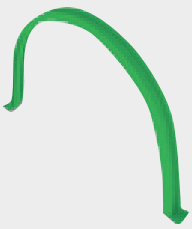
Triton utilises the innovative self-flushing Main Header Row which is a row of chambers orientated between two manholes. This allows sediments to be captured on the scour-protection matting before stormwater moves to the distribution rows, thus preserving the infiltration capacity of the soil. The manholes and the Main Header Row can be easily maintained using regular hydro vacuuming methods.

System sizing tools and standard CAD drawings in .dwg and .pdf are available for the Triton stormwater system.

**MODEL S-22**
1397mm W x 889mm H x 762mm L. 14.5kg
Bare Chamber Storage 0.611m$^3$

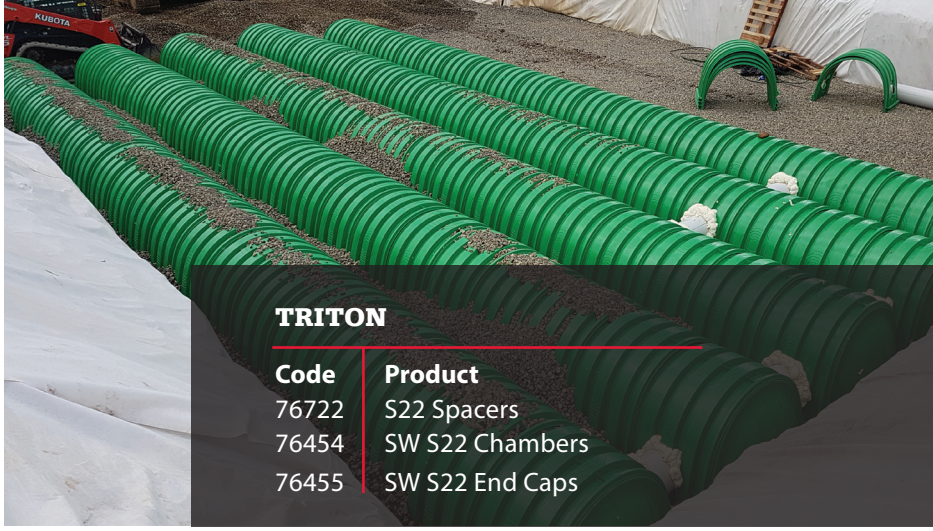


**MODEL S-22 END CAP**
Bare End Cap Storage 0.11m$^3$



**MODEL S-22 MHR SPACER**
Used on the MHR to ensure correct alignment of the chambers.

FOR FULL INSTALLATION INSTRUCTIONS
Visit **www.cirtex.co.nz**



**TRITON**

| Code | Product |
|---|---|
| 76722 | S22 Spacers |
| 76454 | SW S22 Chambers |
| 76455 | SW S22 End Caps |


## FEATURES >

- **Lightweight** chambers that are just **14.5kg each** making them a one man lift
- Exceeds the latest AASHTO LFRD Bridge Design Spec 1. Test validate chambers withstand a **rear axle load of 21.77 tonnes**
- **Deep installation**. Triton chambers can be **installed with up to 15m of soil cover** due to their excellent resistance to long term creep.
- Made from eco-friendly soy-oil based resin. **Can achieve up to 21 LEED credits**
- **Cost-effective** and has **lower shipping costs**. Fewer labour man hours per cubic meter. Soy oil based, a more stable cost than petroleum based.

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