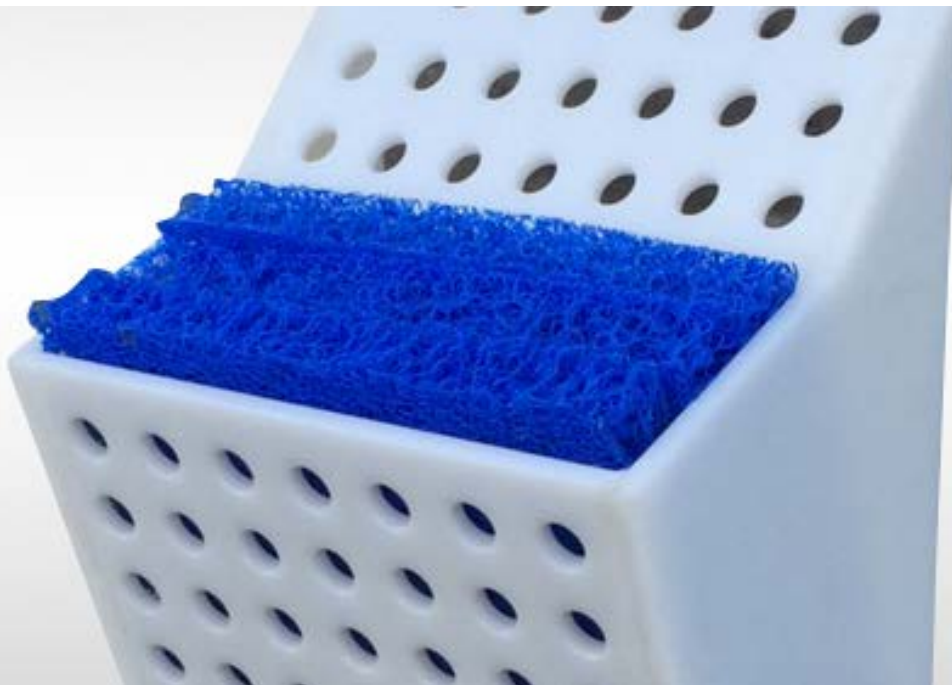


# Stormshield

(Stormwater Treatment)

Technical Guide SW 14

The Stormshield is a stormwater filter that is easily installed or retrofitted in either cesspits or manholes without the need for significant onsite construction.



08.2.4 | STORMWATER | SW14 STORMSHIELD

## Applications

Streets  
Car parks  
Beach and lake fronts  
Industrial facilities  
New developments

## Product Attributes

Removes gross pollutants  
High treatable flow rate  
Effective source treatment, allows accurate identification of pollutant hot-spots and illegal discharges

## Approvals/Standards

NZS3109, Concrete Construction

## Quality

ISO 9001:2008 Quality Management Standard

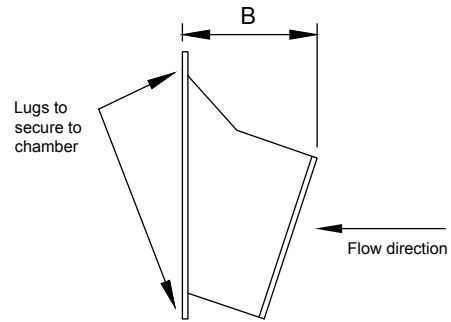
*We are the supply partner of choice for New Zealand's stormwater management and treatment solutions.*

**HYNDS**  
STORMWATER

The Stormshield is a stormwater filter that is manufactured from resilient materials and is easily maintained from surface or street level. The media pack is simply removed and rinsed insitu, and returned to service in the shield.

### Design and sizing

- As rainfall and debris enter the catchpit or manhole, stormwater rises to the level of the discharge invert. Water passes through the HDPE screen, media pack, and backing screen before discharging through the outlet pipe.
- Models
  - Single Stormshield, for a 150-225 nominal outlet pipe
  - Tandem Stormshield, for a 300-450 nominal outlet pipe



Side

### Engineered for performance

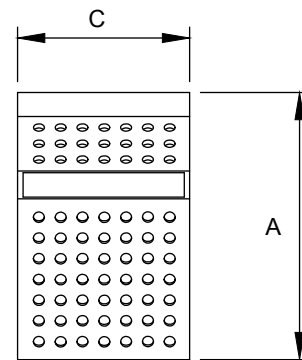
- Inclined angle of outer shield promotes self-cleaning
- Overflow screen included

### Installation

The Stormshield is simply dyna-bolted to the chamber using the top and bottom lug plates, or by side lugs if required.

### Maintenance

The standard maintenance procedure for the cesspit remains unchanged although the frequency of the vacuuming should increase due to the volumes of pollutants captured and retained in each cesspit. The Stormshield unit is easily maintained by brushing or hosing down the perforated surfaces to remove any pollutants. The media pack is easily withdrawn from the media tray and can be rinsed off by a hose before being inserted back into place.



Front

FIG. 1 Typical elevations

Product Code	Covers Pipe Ø (mm)	Dimension A (mm)	Dimension B (mm)	Dimension C (mm)	Mass (kg)	Shipped from
(*) STORMSHIELDKIT1	100-300	490	247	316	10	Auck/Chch
(**) STORMSHIELDKIT2	300-450	490	247	621	15	Auck/Chch

**Note:** (\*) Storm Shield comes with 3 Matala filters.  
 (\*\*) Storm Shield comes with 6 Matala filters.  
 Replacement media available on request.

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Disclaimer: While every effort has been made to ensure that the information in this document is correct and accurate, users of Hynds product or information within this document must make their own assessment of suitability for their particular application. Product dimensions are nominal only, and should be verified if critical to a particular installation. No warranty is either expressed, implied, or statutory made by Hynds unless expressly stated in any sale and purchase agreement entered into between Hynds and the user.