Filterra®

Market leading biofiltration system with a small footprint.



Biological treatment system that will remove the majority of contaminants, reduce stormwater flows and blend in to the urban environment.

Developed after decades of research, Filterra® is a next-generation biofiltration solution, designed to provide enhanced treatment outcomes while requiring as little as 10% of the footprint of traditional rain gardens.

Filterra® is a pre-engineered and manufactured plug-and-play micro biofiltration system that removes TSS, metals and nutrients using natural, biological processes. Designed to treat up to 4450mm/hr and with a maximum treatable flow rate of 7000mm/hr the Filterra® media has been optimised to operate under high flow rates while maintaining high pollutant removal performance. The Filterra® engineered media is designed for low maintenance and does not need replacing under normal conditions, making it one of the most cost-effective treatment devices to maintain.



Key Benefits

Delivered as a plug ar	nd play solution.
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Low life cycle cost.

Small footprint.

Proven and verified performance.

Fraction of the size of traditional raingardens.

Enhanced dissolved heavy metal removal.

Very High Sediment Removal

WINNER 2022

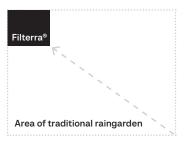
Water NZ Innovation Award Filterra® Roof

Approvals

- Auckland Council Approved for use on public and private sites.
- Christchurch City Council Approved for use on public and private Sites.

Configurations

- Filterra® Bioscape
- 🔘 Manhole Filterra®
- Roof Filterra®



Based on a comparison of a traditional designed raingarden (k=0.3-0.75m/d) and the Filterra[®] (k=2.5m/d).

Maintenance

- Easy maintenance with no confined space access.
- · First year maintenance included.

