Filterra

Filterra is an engineered high-performance bio-retention system. It operates similarly to traditional systems. Its high flow media allows for a reduction in footprint of up to 95% versus traditional practices. Filterra provides a low Low Impact Development (LID) solution for tight, highly developed sites such as urban development projects, commercial parking lots, residential streets, and streetscapes. It's small footprint also reduces installation and life cycle costs versus traditonal bio-rention systems.

Filterra is versatile to enhance site aesthetics, integrated with other LID practices, or increase runoff reduction through infiltration below/ downstream of the system.

Benefits

- Greatly reduces footprint versus traditional bio-retention systems
- Consistent, superior pollutant remove performance
- Integrates easy into any site or landscape plan
- First year maintenance included with purchase
- Meets low impact development requirements
- Is ETV Verified and demonstrates superior pollutant capture

Applications

- Commercial and residential developments, infill and redevelopment and retrofit applications
- Parking lots or distribution centres
- Gas Stations/auton service centres
- Areas requiring pollutant removal
- Pretreatment for above-ground or shallow below-ground storage
- Pretreatment for Low Impact Development, infiltration and rainwater harvesting or water reuse

Specifications

- ISO 14034 Environmental Management - Environmental Technology Verification (ETV)

LOW MAINTENANCE

EASY TO INSTALL

TSS REMOVAL

LID VERIFIED

FILTERRA DIMENSIONS		
Size	**Maximum Design Impervious Area**	
(mm)	**m²**	**ha**
1219 x 1219	350	0.035
1829 x 1524	460	0.046
2438 x 2438	1440	0.144
3048 x 3048	2040	0.204

CATCH BASIN/DITCH INLETS	
(Ranges varying woth partical loading & site conditions)	
TSS Removal	89 - 97%
Phosphorous	52 - 85%
Nitrogen Removal	43%
Total Copper Removal	58%
Dissolved Copper Removal	46%
Total Zinc Removal	66%
Dissolved Zinc	58%
Oil Grease	93%

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