

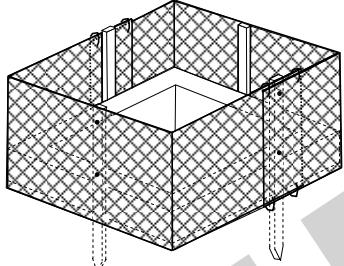


ERTEC
ENVIRONMENTAL SYSTEMS

Drop Guard™ Drop Inlet Protection - field inlets

Drop Guard™ is a patented, high performing, low cost and environmentally sustainable approach to reduce sedimentation into unpaved or soft-scape field drop inlets. Drop Guard allows water flow-through but reduces velocity while filtering particles. Manufactured in 7 foot panels, it is trenched to a depth of 4 inches, wrapped around drain inlets and secured with wood stakes.

Two heights are available (15" & 12"). The filter is designed for concentrated flows. It is self cleaning after post-storm sediment build-up is removed. Drop Guard is an important part of a comprehensive best management practice system for site sediment control. Highly sustainable zero waste solution, the system is made from recycled, reusable and recyclable HDPE.



Product Highlights

- ✓ 425 micron integrated filter
- ✓ 11" or 8" freeboard height
- ✓ 7 foot panels, 15" or 12" width

Install Highlights

- ✓ Trenched to depth of 4"
- ✓ Overlap segments by min 4"
- ✓ Wood stakes at overlaps and sides to reinforce (1"x2"x18")



100% American
Content / Labor



Zero Waste

- ✓ Recycled
- ✓ Reusable
- ✓ Recyclable

Product Characteristics

Functional life (min years)	4+	Filter – min AOS (microns)	425
Dimension - panel width in inches	11 or 15	Filter Flow Rate ASTM D-4491 gpm/ft ² (min)	145
Installed freeboard height (inches)	11	Tensile Yield ASTM D-638 (lb/in ²)	1800 - 2800
Recycled Material Content (% minimum)	92	Ultimate Tensile Strength: ASTM D-638 (lb/in ²)	2000 - 2800
Reusable	YES	Service temperature (deg F)	-30 to 160
Recyclable	YES	Self cleaning filter (after sediment removed)	YES



Road Construction – Roadside Ditch

Product Benefits

- Fast & Simple Installation, One Size Fits All
- Very Easy to Maintain
- Lasts Duration of Project
- Easy to Remove and Reuse
- Very Low First and Total Cost

Size of Concrete Apron	Drop Guard Panels (7 ft)	Wood Stakes (1"x2"x18")	Wood Screws (1")
2'x2'	2 ea (14 ft)	4	8
2'x3'	2 ea (14 ft)	4	8
3'x3'	2 ea (14 ft)	4	8
3'x4'	3 ea (21 ft)	4	8
4'x4'	3 ea (21 ft)	4	8
5'x5'	4 ea (28 ft)	8	16

Product Designation	Panel Dimensions	Freeboard Height (in)	Trench Depth (in)
Drop Guard 12" (DrG12)	7 ft x 12"	8	4
Drop Guard 15" (DrG15)	7 ft x 15"	11	4

Design and Installation

For proper design and installation refer to the Installation and Maintenance guide.

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