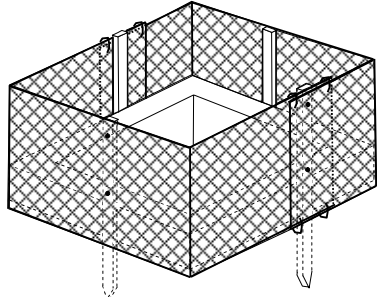


Drop Guard™ is a patented, high performing, low cost and environmentally sustainable approach to reduce sedimentation into unpaved or soft-scape field drop inlets. Drop Guard allows water flow-through but reduces velocity while filtering particles. Manufactured in 7 foot panels, it is trenched to a depth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



Bowman
Construction
Supply Inc.



Quick
Supply Co.



Cascade
GEOSYNTHETICS

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SOLUTIONS WE SUPPLY

GEOSYNTHETICS

Filter Fabrics

Stabilization Fabrics

Geogrids

- Road Grids
- Wall Grids
- Slope Stabilization

Specialty Fabrics

Composite Geomembranes

- GCLs, PVC, HDPE, LLDPE, EPDM, Granular Bentonite

SEDIMENT CONTROL

Inlet Protection

- Grated Inlet, Curb Inlet, Area Inlet Protection

Ditch Checks

- Triangle Silt Dike
- GeoRidge

Perimeter Protection

- High and Low-Porosity Silt Fence, Straw Wattles, Silt Socks
- Safety Fence

Flocculants & Water Treatment

- Polymer-Based & Natural Flocculants

Sediment Basin Skimmers

Dewatering Bags

Trackout Control

- FODS
- Rumble Grates

Turbidity Curtains

EROSION CONTROL

Basic Hydraulically Applied Mulches

- Wood
- Paper
- Blends
- Straw

High-Performance Hydraulically

Applied Products

- BFM
- FGM
- Additives & Tackifiers

Temporary Erosion Control Blankets

- Coir & Jute Mat/Nettings
- Short-Term ECBs
- Extended-Term ECBs

Permanent Erosion Control Blankets

- Turf Reinforcement Mats
- HP-TRMs
- Anchor Reinforced Vegetation System

Structural BMPs

- Transition Mats
- Geoweb Cellular Confinement
- Composite Vegetated Armor System
- Flex MSE Vegetated Wall System
- Articulated Concrete Block
- Gabions
- Grout-Filled Geotextile Mats

Vegetation Establishment

- Native Seed & Turf Seed
- Fertilizers
- Organic Soil Additives
- Stratavault Soil Cells

STORMWATER MANAGEMENT

Water Quality

- Inlet Filter Boxes
- Pre-Treatment Chamber
- Nutrient Separating Baffle Boxes
- High-Flow Biofiltration Media
- Hydrodynamic Separators
- Stratavault

Water Quantity

- Modular Underground Storage Systems
- Chamber Detention Systems

Drainage

- HDPE Swale Liner
- Pipe & Fittings
- Drainage Composites
- Strip Drain

Inlet Structures

- PVC
- Drain Basins, In-Line Drains
- Landscape

Permeable Pavers

- Permeable Articulating Concrete Block
- Grass Pavers
- Gravel Pavers
- Concrete Pavers

SPECIALTY

Natural & Synthetic Coir Fiber Logs

Vegetated Reinforced Soil Slopes

Soil Anchors

Root Barrier System

AquaBlok

Muscle Wall

We are full line distributors of construction materials for all project types. Contact us for assistance with a project. From specification and development to installation and completion, we're here to help with all of your site solution needs.

**GEOSYNTHETICS | EROSION CONTROL | STORMWATER MANAGEMENT
SEDIMENT CONTROL | REVEGETATION & SOIL AMENDMENTS**