

Big Red Curb Inlet Protector

Product Data Sheet

Product Details

The SWP-CI “Big Red” Filter is a REUSABLE inlet protector that keeps out sediment throughout the entire construction project. There are no pockets to fill, no velcro bags, no assembly, etc. Simply place it in front of the inlet, make sure it lays in the contour, and you are DONE!

Big Red CI Protector Advantages:

- Easy to Install
- Versatile for a Variety of Curb Inlets
- Reusable & Extremely Easy to Clean
- Made from 90% Inert Recycled Materials

Fabric Properties

Property	Test	Units	Value
Weight	ASTM D5261	oz/sq yd	9.3
Grab Tensile Strength	ASTM D4632	lb	warp 250 fill 290
Tear Strength	ASTM D4533	lb	warp 60 fill 50
Burst	ASTM D3786	psi	440

Installation Guidelines

The simple installation also translates into simple removal, cleanup and reuse at the next project or phase. Maintenance is as simple as lifting the unit from the inlet, shaking the mud off of it, removing the sediment on the concrete, and placing the unit back. If it is severely filled with sediment, wash it out in a vegetated area, and it is as good as new.

All of these features and benefits combine to make the SWP-CI Big Red curb inlet protector the perfect choice for all curb inlet applications. It comes in 54” lengths for single curb inlets and 104” lengths for double curb inlets. Custom sizes are also available depending on quantity.



Big Red CI protector protecting a concrete swale.



This is a 14' custom unit. Big Red is very easy to work with.



Single Big Red CI Protector

Big Red Area Inlet Protector

Product Data Sheet

Product Details

The Big Red Area Inlet Protector is a REUSABLE area inlet protector that keeps out sediment throughout the entire construction project. The Big Red Area Inlet Protector is made of highly durable permeable fabric and stiff iron supports to last as long as you need it. For correct installation, trenching the bottom 6 inches is critical.



Big Red AI Protector, recently installed with trenched in bottom and tight sides.

Fabric Properties

Property	Test	Units	Value
Weight	ASTM D5261	oz/sq yd	9.3
Grab Tensile Strength	ASTM D4632	lb	warp 250 fill 290
Tear Strength	ASTM D4533	lb	warp 60 fill 50
Burst	ASTM D3786	psi	440

Overall Size - 60"x60"

Installation Guidelines

The simple installation also translates into simple removal, cleanup and reuse at the next project or phase. Maintenance is as simple as digging away the sediment in front of the protector. If necessary, remove the steel support rods, knock off the dirt and reinstall. If it is severely plugged with sediment, wash it off in a vegetated area, and it is as good as new.



Big Red AI Protector with 4" sediment load after initial rain event.

Distributed By:





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- 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

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Soil Anchors

Root Barrier System

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