



Permanent Erosion Control

Learn How Flexamat® Is The Best Permanent Erosion Solution!

Flexamat® is a permanent erosion control mat utilized for stabilizing slopes, channels, low water crossings, inlet/outlet protection, and shorelines. It consists of concrete blocks (6.5" x 6.5" with a 2.25" profile) locked together and embedded into a high strength geogrid. There is 1.5" spacing between the blocks that gives the mat flexibility and allows for optional vegetation growth. The mat is packaged in rolls, making transporting and installing **Flexamat®** efficient.



Up to 4800 square feet of material can ship on one truckload.



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Inlet & Outlet Erosion Protection

Solutions for Storm Waterpipe Runoff



Immediate High Performance
Permanent Vegetated Solution
Easy Maintenance
Simple, Fast Installation
Safe for Pedestrians and Wildlife

BENEFITS OF Flexamat[®] Permanent Erosion Control

- High performance the moment it's installed – Un-vegetated capabilities, 19ft./sec. & 24 PSF
- Permanent, vegetated solution
- High capabilities – slopes as steep as 1:1
- Energy dissipation – un-vegetated, Manning's roughness coefficient of .055
- Drivable – vehicles and machinery can drive across **Flexamat**[®]
- Maintenance – safely mow over **Flexamat**[®]
- Safety – stable footing when walking across
- Simple installation – personnel can install with their own equipment
- Reduce runoff – storm water infiltrates through **Flexamat**[®]
- Environmentally friendly – wildlife can safely cross
- Discourages graffiti with vegetated solution
- No ponding water that promotes mosquitoes
- Aesthetically conforms to landscape
- Installation time savings – not over excavating compared to rock



Outlet with failing Rip Rap.



Outlet armored with Flexamat[®], 3 years after installation.

Flexamat[®] is the best solution for inlet and outlet protection at storm waterpipes.

Flexamat[®] Replaces RIP RAP

Advantages of replacing RIP RAP include:

- Maintainable - will not damage commercial mowers.
- Safe for pedestrians and wildlife to walk across.
- Blocks cannot be dislodged or thrown like stone.
- Easier litter cleanup.

Flexamat[®] Replaces Poured Concrete Lined Channels

Advantages of replacing Poured Concrete Lined Channels:

- Will not crack with freezing and thawing cycles - longer life span.
- Pollutants entering concrete channel go directly into natural waterways, vegetated channels will naturally cleanse pollutants.
- Less expensive - reduced time, labor, and equipment.
- No ponding water that promotes mosquitoes or algae formation causing a slick surface.
- Eliminates a potential surface for graffiti.



Armored inlet.



Griffin, GA - Repaired outlet.



Griffin, GA - Eroded outlet.