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.
**Benefits of Flexamat®**

Permanent Erosion Control

- High performance the moment it’s installed – Un-vegetated capabilities, 19 ft./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

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.

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