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## Product Data Sheet

Flexamat<sup>®</sup> is a tied concrete block mat used to control erosion in swales, slopes, ditches, channels, shorelines and any area where soil sediment may be lost due to water runoff.

Flexamat<sup>®</sup> should be considered in any application where consideration is being given to poured concrete, riprap, gabions, ACB's and other hard-armor systems.

Flexamat<sup>®</sup> consists of pyramidal concrete blocks that are interconnected utilizing a rough-service polyester geogrid. The completed mat yields a high strength, ultra-flexible hard armor system of Erosion Control. Flexamat's superior Percentage of Open Area (POA) affords an ideal zone for vegetation growth while remaining a permanent armor against long-term erosional forces.

### General Composition of Materials

Blocks	5000 PSI, Wet-cast Portland Cement
Interlocking Geogrid	Fornit 30/30
Underlayment Options	Curlex II TRM Recyclex-V TRM Non-woven fabrics More options available

### Manufacturing Values

Flexamat Properties	Values
Roll Width	4', 5.5', 8', 10', 12' 16'
Roll Length	30', 40', 50' / custom
Material Weight	11 lbs./sf
Block Size	6.5" x 6.5" x 2.5"

### Performance Design Criteria

Percentage Open Area (POA)	30% min.
Geogrid Tensile Strength	2000 lbs./lf min.
Shear Tolerance*	24 lbs./sf
Velocity Tolerance*	19ft./s

\*ASTM D 6460