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## DATA SHEET

Flexamat® 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 erosive forces.

Flexamat® consists of pyramidal concrete blocks that are interconnected utilizing a rough-surface 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	<b>Standard</b> Polypropylene netting Curlex® II ECB <b>Plus</b> Polypropylene netting Recyclex® TRM-V Culrex® II ECB <b>Fabric</b> 10 oz NW fabric *More options available upon request

### Manufacturing Values

Flexamat Properties	Values
Roll Width	4', 5.5', 8', 10', 12', 16'
Roll Length	30', 40', 50' / custom
Material Weight	Minimum 10 lbs./sf
Block Size	6.5" x 6.5" x 2.25"

### Performance Design Criteria

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

\*ASTM D 6460 – unvegetated