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## Product Specification Sheet

# A.G.A. 125 Coir Blanket

## Long Term Erosion Control Blanket

AGA 125 Coir Blanket has a functional longevity of approximately 36 months (NOTE: functional longevity may vary depending upon climatic conditions, soil, geographic location, and elevation).

### AGA 125 Coir Blanket

#### Typical applications

- Medium/long term erosion control applications on steep slopes where vegetation is the primary stabilising medium.

#### Product materials

- Matrix 100% Coconut fibre (0.50 lb. /yd<sup>2</sup> [0.27 kg/m<sup>2</sup>])
- Netting both sides heavyweight UV stabilised (3.0 lbs. /1,000 ft<sup>2</sup> [1.47 kg/100 m<sup>2</sup>] approximate weight)
- Thread 100% Black Polypropylene

#### Product construction

- 100% coconut fibre blanket of consistent thickness covered on the top and bottom with heavyweight polypropylene netting having ultraviolet additives to delay breakdown and approximate 0.625 x 0.625 inch (1.59 x 1.59 cm) mesh size. The blanket shall be sewn together on 1.50 inch (3.81 cm) centres with UV stable polypropylene thread.

#### Material Content

Property	Test Method	Typical
Thickness	ASTM D5199/ECTC	0.35 in (8.91 mm)
Resiliency	ECTC Guidelines	82%
Mass per Unit Area	ASTM D6475	8.00 oz/yd <sup>2</sup> (271 g/m <sup>2</sup> )
Water Absorption	ASTM D1117/ECTC	110%
Swell	ECTC Guidelines	13.00%
Stiffness/Flexibility	ASTM D1388/ECTC	0.75 oz-in (8,368 mg-cm)
Light Penetration	ECTC Guidelines	16.70%
MD Tensile Strength	ASTM D5035	3.12 kN/m
MD Elongation	ASTM D5035	13.60%
XD Tensile Strength	ASTM D5035	3.05 kN/m
XD Elongation	ASTM D5035	25.50%

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