



MATERIAL SPECIFICATION

S75BN



The erosion control blanket shall be a machine-produced 100% biodegradable mat with a 100% straw fiber matrix with a functional longevity of approximately 12 months. (NOTE: functional longevity may vary depending upon climatic conditions, soil, geographic location, and elevation).

The blanket shall be of consistent thickness with the straw evenly distributed over the entire area of the mat. The blanket shall be covered on the top side with a 100% biodegradable woven natural organic fiber netting. The netting shall consist of machine directional strands formed from two intertwined yarns with cross directional strands interwoven through the twisted machine strands (commonly referred to as a Leno weave) to form an approximate 0.50 x 1.00 inch (1.27 x 2.54 cm) mesh. The blanket shall be sewn together with biodegradable thread on 1.50 inch (3.81 cm) centers.

The blanket shall be manufactured with a colored line or thread stitched along both outer edges (approximately 2-5 inches [5-12.5 cm] from the edge) to ensure proper material overlapping.

The straw erosion control blanket shall be S75 BN as manufactured by North American Green, or equivalent. Erosion control blanket shall have the following properties:

Material Content

Matrix	100% Straw Fiber (0.50 lbs/yd ²) (0.27 kg/m ²)
Netting	One side only, Leno woven 100% biodegradable natural organic fiber (9.30 lbs/1,000 ft ² [4.50 kg/100 m ²] approximate weight)
Thread	Biodegradable

Physical Specifications (per roll)

	<u>English</u>	<u>Metric</u>
Width	6.67 ft ± 5%	2.03 m
Length	108.00 ft ± 5%	32.92 m
Weight	46.40 lbs ± 10%	21.05 kg
Area	80 yd ²	66.89 m ²
Stitch Spacing	1.50 inches	3.81 cm