



Specification Sheet

S31BD

The S31BD 100% biodegradable blanket from ErosionControlBlanket.com is manufactured from 100% agricultural straw stitched with cotton thread to one leno woven biodegradable jute top net with a mesh size of 2.5 x 1.3 cm (1.0 x 0.5 in). The “S” and “3” represent straw applied at a minimum of 270 g/m² (0.5 lbs/yd²) and the “1” represents that the blanket is only netted on the topside. The functional longevity of the blanket is 3-12 months depending on moisture, light, and environmental conditions. The blanket is sewn together on 38.1 mm (1.5 in) centers, with biodegradable cotton thread to ensure the same rate of degradation for the net and thread. Each roll of S31BD is packaged in blue shrink-wrap with a green band and includes installation instructions.

Design Values

- “C” factor = 0.03
- Maximum Permissible Shear Stress = 72 Pa (1.5 lbs/ft²) (Erosion Control Blanket does not recommend the S31BD for use in channel applications)
- S31BD meets all requirements established in the FHWA FP-03 as a Type 2C erosion control blanket for use on slopes with gradients not exceeding 3:1 (h:v)
- Manning’s “n” = 0.03

Standard Roll Details

Width	2.44m (8 ft)	4.88m (16 ft)
Standard Length	34.3m (112.5 ft)	34.3m (112.5 ft)
Area	83.61m ² (100 yd ²)	167.22m ² (200 yd ²)
Weight ± 10%	27.2 kg (60 lb)	54.4 kg (120 lb)

“Big Daddy” Roll Details

Width	2.44m (8 ft)	4.88m (16 ft)
Standard Length	102.8m (337.5 ft)	102.8m (337.5 ft)
Area	250.8m ² (300 yd ²)	501.6m ² (600 yd ²)
Weight ± 10%	81.6kg (180 lb)	163.2kg (360 lb)

More information available upon request.