



## GeoRidge® Specifications

### Geo-Ridge® A-Shaped Permeable Berms

The permeable berms shall be GeoRidge®, as manufactured by Nilex Group. The berms shall have the following properties:

Length:	1.0 meters	3.28 feet
Height:	0.225 meters	0.738 feet
Weight:	1.0kg/lin.m	2.1 lbs/3.28ft
Polymer:	High Density Polyethylene	
Porosity:	35-40%	

### Geo-Ridge® Connector

Galvanized Ardox Spike	10" (250mm Spike)
Galvanized Washer	3/8" x 1 1/2" (9.5 mm x 38 mm)

### Erosion Control Blanket

The erosion control blanket shall be a machine-produced mat of 100% coconut fiber matrix stitch bonded with UV stabilized thread between two UV stabilized polypropylene nettings. The erosion control blanket shall be C125 as manufactured by North American Green, or equivalent. The C125 shall have the following properties:

#### *Erosion Control Blanket Material Content:*

<i>Matrix</i>	100% Coconut Fiber (0.5 lb/yd <sup>2</sup> )	(0.19 kg/m <sup>2</sup> )
<i>Nettings:</i>	Top Side: Heavyweight photodegradable with UV additives (3.0 lbs/1,000 ft <sup>2</sup> )	(1.47 kg/100m <sup>2</sup> )
	Bottom Side: Lightweight photodegradable (1.64 lbs/1,000 ft <sup>2</sup> )	(0.80 kg/100m <sup>2</sup> )