



Department of Land Use

April 15, 2016

Interested Parties:

The Department would like to remind everyone that as of Jan. 1, 2014 the Department of Natural Resources and Environmental Control (DNREC) revised the specifications for Soil Stabilization Matting (SSM) to require bio-degradable netting for SSM-1, SSM-2, and SSM-3. As a result, materials using polypropylene netting for these applications are no longer acceptable. To ensure the correct erosion control matting is installed in accordance with the Handbook all erosion control matting installed after May 1, 2016 must meet these requirements, or will be required to be removed and replaced with an acceptable material. Please reference the Delaware Erosion and Sediment Control Handbook (DESCH) table below for examples of approved SSM products.

**Table 1 - Source DESCH Appendix A-4 (2013).**

<b>Stabilization Matting Selection Table</b>			
<b>Application</b>	<b>Criteria</b>	<b>Type</b>	<b>Example Products</b>
Slope Stabilization	3:1 or flatter	SSM-I	North American Green S75BN American Excelsior Curlex I PPS Packaging Xcel Straw Regular SR1
	2:1 or flatter	SSM-II	North American Green S150BN East Coast Erosion Blanket ECS-2B
	1.5:1 or flatter	SSM-III	North American Green SC150BN East Coast Erosion Blanket ECC-2B
	1:1 or flatter	SSM-IV	North American Green C125 Synthetic Industries Landlok C2
	steeper than 1:1	TRM-I	Landlok TRM 450 (non-vegetated) North American Green P300 (non-vegetated) Contech C-45 (non-vegetated)
Channel Lining, Temporary	≤ 1.55 psf	SSM-I	North American Green S75BN
	< 1.65 psf	SSM-II	North American Green S150BN East Coast Erosion Blanket ECS-2B
	≤ 1.80 psf	SSM-III	North American Green SC150BN East Coast Erosion Blanket ECC-2B
	≤ 2.0 psf	SSM-IV	North American Green C125 Synthetic Industries Landlok C2 East Coast Erosion Blanket ECC-2 Dbl Net Coconut
Channel Lining, Permanent	≤ 2 psf	TRM-I	Landlok TRM 450 (non-vegetated) North American Green P300 (non-vegetated) Contech TRM C-45 (non-vegetated) East Coast Erosion Blanket ECP-2 10 oz. (non-vegetated)
	2.1 psf - 5.9 psf	TRM-II	Mirafi Miramat TM8 (vegetated) Landlok TRM 1060 & 1061B (vegetated) Contech C-60 (vegetated)

	6 psf - 8 psf and <1500 lbs min tensile strength (Machine Direction)	TRM-III	North American Green P550 (vegetated) LandLok 450 (vegetated) East Coast Erosion Blanket ECC-3/ ECP-3/ECSC-3/ECP-2 (all vegetated)
	6 psf - 8 psf and >1500 lbs min tensile strength (Machine Direction)	TRM-IV	Pyramat High Performance TRM (vegetated) East Coast Erosion Blanket T-RECS (vegetated)

Please take the necessary steps to ensure the above referenced products, or approved equivalents, are used where required on site.

Please contact your inspector to discuss any questions or issues concerning this matter.

Sincerely,

Michael Clendaniel, P.E.  
Civil Engineer II-Site Inspections Administrator

Cc:  
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NCC Engineering Section