



■ Rolled Erosion Control Products Selection Guide

Product	Functional Longevity	Matrix	Netting Information ⁽¹⁾	Primary Usage	Shear Stress
Accelerated – Erosion Control Blankets (ECB)					
ECS-1D	45-90 Days	100% Straw	1 – Accelerated Photodegradable PP	≤ 3:1 Slopes	Unvegetated 1.5 psf
ECS-2D	45-90 Days	100% Straw	2 – Accelerated Photodegradable PP	2:1 to 3:1 Slopes	Unvegetated 2.05 psf
Short Term – Erosion Control Blankets (ECB)					
ECS-1	12 Months	100% Straw	1 – Photodegradable PP	≤3:1 Slopes	Unvegetated 1.5 psf
ECS-1B	12 Months	100% Straw	1 – Biodegradable Jute	≤3:1 Slopes	Unvegetated 1.55 psf
ECS-2	12 Months	100% Straw	2 – Photodegradable PP	≤2:1 Slopes	Unvegetated 2.05 psf
ECS-2B	12 Months	100% Straw	2 – Biodegradable Jute	≤ 2:1 Slopes	Unvegetated 1.73 psf
ECX-2	12 Months	100% Aspen Wood Fiber	2 – Photodegradable PP	1.5:1 to 2:1 Slopes	Unvegetated 1.78 psf
Extended Term – Erosion Control Blankets (ECB)					
ECSC-2B	18 Months	70% Straw 30% Coconut	2 – Biodegradable Jutes	1:1 to 2:1 Slopes	Unvegetated 2.0 psf
ECX-2	24 Months	100% Aspen Wood Fiber	2 – Photodegradable PP	1.5:1 to 2:1 Slopes	Unvegetated 2.13 psf
ECSC-2	24 Months	70% Straw 30% Coconut	1 – UV Stabilized PP 1 – Photodegradable PP	1:1 to 2:1 Slopes	Unvegetated 2.25 psf
ECC-2B	24 Months	100% Coconut	2 – Biodegradable Jutes	1:1 Slopes	Unvegetated 2.25 psf
ECC-2	36 Months	100% Coconut	2 – UV Stabilized PP	1:1 Slopes	Unvegetated 2.5 psf
Permanent – Turf Reinforcement Mats (TRM)					
ECP-2 100z	≥36 Months	100% PP Fibers	2 – UV Stabilized PP	1:1 Slopes and High Flow Channels	Unvegetated 2.3 psf Vegetated 10 psf
ECP-2	≥36 Months	100% PP Fibers	2 – UV Stabilized PP	1:1 Slopes and High Flow Channels	Unvegetated 2.6 psf Vegetated 12 psf
ECSC-3	≥36 Months	70% Straw 30% Coconut	3 – UV Stabilized PP	1:1 Slopes and High Flow Channels	Unvegetated 3.0 psf Vegetated 10 psf
ECC-3	≥36 Months	100% Coconut	3 – UV Stabilized PP	1:1 Slopes and High Flow Channels	Unvegetated 3.2 psf Vegetated 12 psf
ECP-3	≥36 Months	100% PP Fibers	3 – UV Stabilized PP	1:1 Slopes and High Flow Channels	Unvegetated 3.8 psf Vegetated 14 psf
T-RECS	≥36 Months	Woven PP	N/A	0.5:1 Slopes and High Flow Channels	Vegetated 15 psf

01/01/2017

(1) PP = Polypropylene

Carthage Mills assumes no liability for the accuracy or completeness of this information or for the ultimate use by the purchaser. Carthage Mills disclaims any and all express, implied, or statutory standards, warranties or guarantees, including without limitation any implied warranty as to merchantability or fitness for a particular purpose or arising from a course of dealing or usage of trade as to any equipment, materials, or information furnished herewith. This document should not be construed as engineering advice.