ECTC Classification	Installed Slope Maximum	Term[2]	Functional
Type 4	**≤ 1:1 (H:V)**	**Extended Term**	**6 months**

Hydraulic Erosion Control Products-*updated* 3/19/25

Product Name	Company Name	Material Composition	Typical Application Rates Lb/acre (kg/ha)	Maximum Uninterrupted Slope Length (ft.)	Maximum C Factor [4,5] 3:1 (H:V) Test	Minimum Vegetation Establishment [6]	Installed Slope Steepness *(i.e. Typical Maximum Slope)* Maximum (H:V)
ECTC Specification	n/a		2500-4000 (2800-4500)	75	0.1	PASS	
Helix	LSC Environmental, LLC		3000-4000	75	.01	PASS	≤ 2:1 (H:V)
ProMatrix™ Engineered Fiber Matrix	Profile Products LLC		2500-4000	75	0.05	PASS	≤ 2:1 (H:V)
EcoMatrix™ Engineered Fiber Matrix	Profile Products LLC		2500-4000	75	0.05	PASS	≤ 2:1 (H:V)
HydroBlanket® Bonded Fiber Matrix	Profile Products LLC		2500-4000	75	0.05	PASS	≤ 2:1 (H:V)
EcoAegis® Bonded Fiber Matrix	Profile Products LLC		2500-4000	75	0.05	PASS	≤ 2:1 (H:V)

[1] This table is for general guidelines only. Refer to manufacturer for application rates, instructions, gradients, maximum continuous slope lengths and other site specific recommendations.

[2] These categories are independent of rolled erosion control products (RECPs) categories, despite the identical names.

[3] A manufacturer's estimated time period, based upon field observations, that a material can be anticipated to provide erosion control as influenced by it composition and site-specific conditions.

[4] "C" Factor calculated as ratio of soil loss from HECP protected slope (tested at specified or greater gradient, h:v) to ratio of soil loss from unprotected (control) plot based on large-scale testing.

[5] Acceptable large-scale test methods may include ASTM D 6459, or other independent testing deemed acceptable by the engineer.

[6] Vegetation establishment is reported as outlined in ASTM D 7322 as pass/fail. If percent germination improvement is >100%, a pass is reported. If percent germination is ≤100%, a fail is reported