

ECTC Classification	Installed Slope Maximum	Term ²	Functional Longevity ³
Type 5	≤ 0.5:1 (H:V)	Extended Term	12 months

Hydraulic Erosion Control Products



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) Maximum (H:V)
ECTC Specification	n/a		3000-4500 (3400-5100)	100	0.02	400 %	
EarthGuard Fiber Matrix	LSC Environmental, LLC	Wood & Additives		75	0.01	600 %	> 1:1 (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 its 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 Minimum vegetation establishment is calculated as outlined in ASTM D 7322 being a percentage by dividing the plant mass per area of the protected plot by the plant mass per area of the control plot.