

ECTC Classification	Installed Slope Maximum	Term <sup>2</sup>	Functional
<b>Type 5</b>	<b>≤ 0.5:1 (H:V)</b>	<b>Extended Term</b>	<b>12 months</b>

## 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 <sup>4,5</sup> 3:1 (H:V) Test	Minimum Vegetation Establishment <sup>6</sup>	Installed Slope Steepness (i.e. Typical Maximum Slope) 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)
Flexterra® High Performance -Flexible Growth Medium™	Profile Products LLC		3000-4500	100	0.02	300 %	≤ 1:1 (H:V)
EcoFlex® High Performance -Flexible Growth Medium™	Profile Products LLC		3000-4500	100	0.02	300 %	≤ 1:1 (H:V)

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

<sup>2</sup> These categories are independent of rolled erosion control products (RECPs) categories, despite the identical names.

<sup>3</sup> 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.

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

<sup>5</sup> Acceptable large-scale test methods may include ASTM D 6459, or other independent testing deemed acceptable by the engineer.

<sup>6</sup> 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.