

| ECTC Classification | Installed Slope Maximum | Term <sup>2</sup>    | Functional Longevity <sup>3</sup> |
|---------------------|-------------------------|----------------------|-----------------------------------|
| <b>Type 3</b>       | <b>≤ 2:1 (H:V)</b>      | <b>Moderate Term</b> | <b>3 months</b>                   |

## Hydraulic Erosion Control Products



| Product Name                            | Company Name           | Material Composition | Typical Application Rates<br>Lb/acre<br>(kg/ha) | Maximum Uninterrupted Slope Length<br>(ft.) | Maximum C Factor <sup>4,5</sup><br>3:1 (H:V) Test | Minimum Vegetation Establishment <sup>6</sup> | Installed Slope Steepness (i.e. Typical Maximum Slope)<br>Maximum (H:V) |
|---|------------------------|----------------------|---|---|---|---|---|
| ECTC Specification                      | n/a                    |                      | 2000-3500<br>(2250-3900)                        | 50  | 0.15  | 200 %   |   |
| Connect                                 | LSC Environmental, LLC | Wood & Minerals      |   | 50  | 0.1   | 500 %   | < 2:1 (H:V)   |
| Terra Matrix™ - Stabilized Mulch Matrix | Profile Products LLC   |                      | 2500-4000                                       | 50  | 0.1   | 200 %   | ≤ 3:1 (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.