



## **Specification For EcoBlanket® Erosion/Sediment Control Surface Blanket**

### **1.0 Description:**

This work shall consist of furnishing, constructing and maintaining an EcoBlanket® to Rexius specifications. EcoBlanket is a ground cover (surface blanket) of the Rexius specified compost/mulch (filtering material) combined with a special additive (Microblend®) constructed with a pneumatic blower to control and reduce soil erosion. An EcoBlanket stabilizes the soil, prevents splash, sheet and rill erosion, and removes suspended soil particles and contaminants from water moving off the site and into adjacent waterways or storm water conveyance systems.

### **2.0 Material:**

The EcoBlanket filtering material consists of the Rexius tested and approved blend of compost and mulch materials, according to the Rexius particle sizing specifications, in combination with the Rexius Microblend additive. Particle size and compost quality must meet exact specifications of the Rexius EcoBlanket filtering material supplied by a certified installer.

### **3.0 Construction:**

3.1. EcoBlanket shall be installed by a Rexius Certified Installer and proof of certification as an EcoBlanket installer shall be submitted to the Engineer/Landscape Architect for approval prior to installation. Test results for EcoBlanket performance shall be made available upon request.

3.2. On areas with a slope of 50% or less, the EcoBlanket shall be uniformly applied directly at the soil surface with a pneumatic blower as specified by Rexius. EcoBlanket shall be applied at a depth of 1 to 2 inches and approximately 3 feet (91.5 cm) over the top of the slope, and/or overlapping into existing vegetation. (see Exhibit 2.0) **(The Engineer shall specify depth of application according to site conditions)** In extreme conditions and where specified by the Engineer, EcoBerms shall be added and constructed at the top of the slope and in parallel intervals down the profile of the slope if necessary **(The Engineer shall specify berm requirements and interval spacing) See EcoBerm Specification.**

3.3. Rexius Microblend shall be applied/injected at a minimum rate of 535 lbs. per acre (or as specified by Rexius) for a 2 inch surface blanket and, and 270 lbs. per acre for a 1 inch surface blanket. (to be inspected and confirmed by inspector/project manager) The required rate of Microblend is 2 lbs. per cubic yard of filter material.

3.4. If temporary or long-term vegetation is required, filter material may be injected with seed during application. The Engineer/Landscape Architect shall specify seed and application requirements, and the compost/mulch component shall abide by the minimum standards set by Rexius for seeding.

3.5. Do not use EcoBlankets in areas of concentrated flow (ie. ditches, streams, etc.)

3.6. Unless otherwise allowed by Engineer, seeding shall be performed within the local region's seeding deadlines.

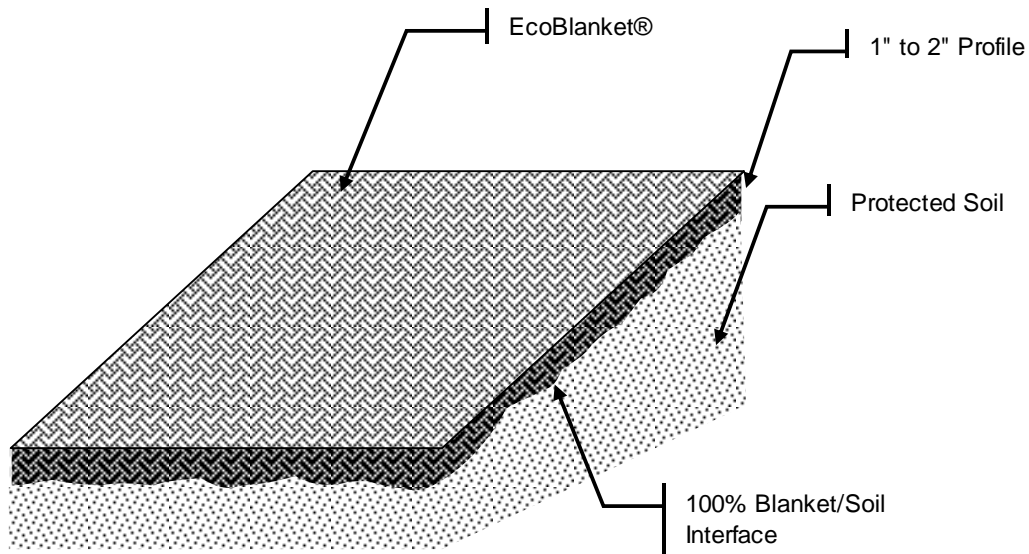
**4.0 Maintenance:**

The Contractor shall maintain the EcoBlanket in a functional condition at all times. Contractor shall make periodic inspections of the EcoBlanket for effectiveness and shall immediately correct all deficiencies. Where deficiencies exist, additional EcoBlanket material shall be installed immediately to required depth.

**5.0 Method of Measurement:**

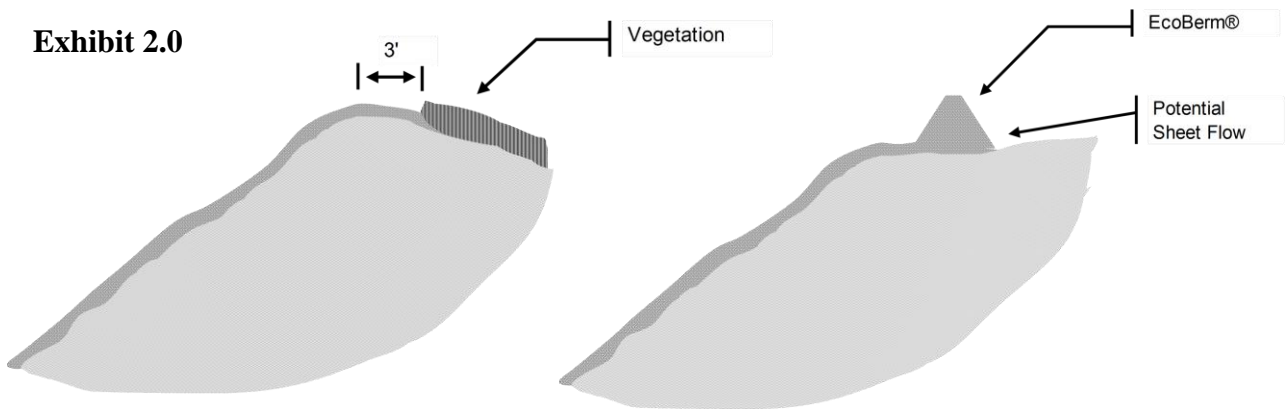
EcoBlanket shall be measured by the square foot, complete in place.

**Exhibit 1.0**



**3 Dimensional Cross Section**

**Exhibit 2.0**



**Cross Section**