



EarthGuard Fiber Matrix

Certificate of Compliance

EarthGuard Fiber Matrix[®] is a spray-on erosion control/winterization system that utilizes an extremely high molecular weight blend of chemistry applied in combination with wood or cellulose fiber. **EarthGuard Fiber Matrix** is designed to work directly with soil to maintain its stability by both preserving existing soil structure and flocculating fine sediment being dislodged by storm water or wind. Fiber is utilized to prevent splash erosion.

Unlike bonded fiber matrices and other copolymers, **EarthGuard Fiber Matrix** doesn't harden to create a hardened crust, which prevents water from penetrating into the soil or seeds from properly sprouting through the matrix.

EarthGuard Fiber Matrix is a hydraulically applied soil stabilizing emulsion blend consisting of at least three distinct linear anionic copolymer of acrylamide/sodium acrylate in water-in-oil emulsions. These emulsions meet the following specifications:

Emulsion Blend

Molecular Weight	>12x10 ⁶
Anionic Mole Percentages (Charge Density)	>25%
Activity	30% (+/-1%)
Residual Acrylamide	<100 ppm
California Department of Food and Agriculture Licensed	YES
GRAS Certified Individual Emulsions	YES

EarthGuard Fiber Matrix meets The California Department of Transportation Specifications for "*Polymer Stabilized Fiber Matrix (PSFM)*": NSSP LAP20-047 01-10-06 and XE 07-382 A05-09-05. **EarthGuard Fiber Matrix** meets San Diego County Grading Ordinance for a "*Stabilized Fiber Matrix (SFM)*". For further info and a short 10 minute video, please visit our web site at www.EarthGuard.com.

Andy Turreria

Technical Representative