

Product Evaluation

RE: ECBVerdyol Biotic Earth Matrix (HBSA)

PRODUCT INFORMATION

Product Name: ECBVerdyol Biotic Earth Matrix (HBSA) Manufacturer: ECB Verdyol, Riverton, MB
Website: www.ecb.ca Supplier: ECB Verdyol, Riverton, MB

VENDOR CLAIMS AND INFORMATION

CLAIMS

ECBVerdyol Biotic Earth Matrix is designed to build healthy soils, accelerate vegetation establishment and provide effective soil cover. Engineered with proprietary blend of thermally refined wood fiber, fabrication fibers, premium moss, tackifiers, wetting agents and beneficial microbes, this matrix creates a stable, nutrient rich growing environment that mimics the organic layer of natural topsoil.

DESCRIPTION

Verdyol Biotic Earth Matrix is a hydraulically applied product that combines a biotic soil amendment with an erosion-control matrix in a single application. For areas with limited access, it can also be applied manually or with a blower. By integrating soil amendment and erosion control in one step, it often eliminates the need for a second application of a bonded fiber matrix (BFM) or separate erosion-control cover. The difference between Verdyol Biotic Earth Black (BSA) and Verdyol Biotic Earth Matrix is that Biotic Earth Black is for biotic soil amendment only, whereas Verdyol Biotic Earth Matrix is for both biotic soil amendment and the erosion control cover. Its application rate is 4,500 lbs/acre (5044 kg/ha) for flat or no slope and 5,500 lbs/acre (6160 kg/ha) for 3:1 and higher slopes.

POTENTIAL USAGE

Verdyol Biotic Earth Matrix can be used when exposed soils and slopes need both soil rebuilding and immediate surface protection/seed cover.

STANDARDS

ALBERTA TRANSPORTATION AND ECONOMIC CORRIDORS COMMENTS

EXPERIENCE

Transportation and Economic Corridors has no experience with this product.

APPLICABLE STANDARDS

Transportation and Economic Corridors Standard Specifications for Highway Construction Section 2.20: Seeding.

RECOMMENDATIONS

ECBVerdyol Biotic Earth Matrix be listed as a Potential Product under Transportation and Economic Corridors Products List, Seeding – Soil Amendment – Proprietary, based on the information provided. Final acceptance as a proven product will be based on field performance.

RESTRICTIONS ON USE

Caveat:

TRIAL PROJECTS

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