



Biotic Earth™ 50/50

Biotic Soil Amendment & Hydraulic Growth Medium

Specification Sheet

The Verdyol **Biotic Earth™ 50/50 BSA** shall be an hydraulically applied mulch and growth medium that includes a high concentration organic matter for soil building and vegetation establishment. The **Biotic Earth™ 50/50 BSA** shall be specifically designed to assist in building an effective plant growth medium over poor topsoil or even subsoil. The **Biotic Earth™ 50/50 BSA** shall be used for vegetation establishment, on medium to extreme slopes for immediate erosion control, as a soil amendment with other erosion control measures, and where vegetation establishment is expected to occur within 12 months or less.

The **Biotic Earth™ 50/50 BSA** shall be manufactured from thermally and mechanically processed straw and flexible flax fibers with sphagnum peat moss and may be mixed with other proprietary plant growth materials and erosion control additives. The Verdyol **Biotic Earth™ 50/50 BSA** comes packaged in white bags.

The Verdyol **Biotic Earth™ 50/50 BSA** may be considered a Hydraulic Mulch (HM) as defined by the Erosion Control Technology Council. The Verdyol **Biotic Earth™ 50/50 BSA** may be considered a Stabilized Mulch Matrix (SMM) when used in conjunction with **Ver Tac Scientific** Soil Stabilizer & Tackifier.

Material Composition

50% by volume of thermally and mechanically processed straw and flexible flax fibers (FFF)
50% by volume of professional grade sphagnum peat moss

Laboratory Analysis

Total Organic Matter Content = >95%
Carbon:Nitrogen Ratio = 34:1 ±
Moisture Content = 38.5% ± 5%
pH = 7.02 (Saturated Media Extract Method)
These values are representative of Quality Control Analysis at time of manufacturing.
This data is for information purposes only and cannot be used as a warranty.

Packaging & Weights

Bags = 50 lbs (23
kg) +/- 10% Bag
size = 2.2 ft³
(0.062 m³) 42
bags per pallet