

ENVIROMATRIX ECM BIOTIC SOIL AMENDMENT

Proven to restore carbon levels in severely depleted soils, even on the steepest slopes.

ENVIROMATRIX ECM biotic soil amendment is EnviroStraw's signature erosion-control matrix created by a team of soil scientists. Using innovative biological technology, EnviroMatrix ECM switches on the mechanism of the soil to bring it back to life. EnviroMatrix ECM includes a unique combination of 100% biodegradable fibres, biologically inoculated mineral ores, biostimulants, trace elements ensuring that it efficiently and effectively delivers nutrients to roots by enhancing soil biology around the root zone. Up to 60 natural minerals and up to 22 strains of beneficial soil microbes in the EnviroMatrix Blend produce bacteria to protect plants and perform various activities such as nitrogen fixing, nutrient building, growth hormones production and releasing antibiotic inhibiting disease.

Supplied in 20kg bags (52 bags per pallet). Bags are UV and weather-resistant. Pallets are stretch-wrapped in a UV and weather-resistant cover.



Meets or exceeds standards for a Bonded Fibre Matrix and Biotic Soil Amendment/organic blanket as detailed in the IECA guide.

Why EnviroMatrix ECM

- Topsoil is optional
- Organics blanket alternative
- Facilitates a self-sustaining long term outcome
- Contains a broad range of self-sustaining microorganisms for lasting erosion control
- Suitable for all soil types
- Designed to enhance native plant establishment

Application Guidelines

1. Minimum application rate of 4500 kg/ha
2. For best performance always mix slurry to manufacturers recommendation

C-factor: 0.006 for 100% ground cover on a 30% slope angle 150mm rain event.

Erosion Control Matrix can be used where no topsoil is available on steep slopes and as an infill material for TRM matting to encourage strong vegetation that provides permanent protection for slopes.

Application Considerations

Slope Gradient

Application Rate in kg/ha

>1V-5H to <1V-0.5H

Determined by soil testing, slope gradients and site-specific conditions.

Rates are a guide only. On-site conditions should be considered to determine the appropriate application rate. Always consider rainfall wind velocity, slope angle soil type and seed bed preparation. Typically, slow wetting soil types (clays or similar), and slopes with not the ideal seed bed preparation require increased application rates.



Manufactured by EnviroStraw for Living Turf