

# HydroGrip Plus

## Technical Data Sheet:

### MANUFACTURER:

EnviroStraw Pty Ltd. Ph 0409 677 449 certifies that EnviroStraw contains the following properties and characteristics

### DESCRIPTION:

HydroGrip Plus has been specifically engineered and formulated to provide effective binding of organic hydraulic mulch products. Used for soil building and soil stabilisation on slope gradients and erosive soil conditions. HydroGrip Plus is formulated from both long chain polymers and cross-linking molecules combined with a hydrocolloid plant-based polymer. Providing effective aggregate formation, soil structure stabilisation improving soil pore space, water infiltration, and to adhere organic hydromulch to the soil surface.

### SPECIFICATIONS:

The source polymers are a combination of both organic and man-made polymers that are nontoxic to the environment. Mix for a minimum 15 minutes in the hydromulch slurry prior to application to ensure the polymers are fully dispersed and hydrated within the hydromulch slurry. When used with hydroseeding (no hydromulch) no drying time is required when used on a well-prepared seed bed.

### MIXING PROCESS:

Add HydroGrip Plus after all other hydromulch ingredients have been added to the tank of the Application equipment pour the measured volume into the tank slowly to avoid the risk of fish eye's mix for a minimum 15 minutes prior to applying the hydromulch slurry to the soil surface to ensure the HydroGrip Plus has fully dispersed and hydrated in the hydromulch slurry.

### PHYSICAL CHARACTERISTICS

**Toxicity:** Non-Toxic fine white powder applied colour clear. **Dispersion:** Material will evenly disperse and increase the viscosity of the Hydromulch slurry when agitated in water. **Binding effect:** When sprayed uniformly on the soil surface with the organic Hydromulch fibre, HydroGrip Plus will bind the mulch fibres together and to the soil surface allowing percolation of water to the underlying soil matrix.

### COMPOSITION

- A blend of manmade and plant-based polymers.
- 5% Moisture (+/- 2%)
- Fine white powder.
- Water soluble.

**Packaging:** 25 kg bags, 40 bags packed per standard pallet.

### SLOPE GRADIENT      APPLICATION RATE IN KGS PER HECTARE

< 4:1	*30 kgs per hectare. (minimum application rate)
< 3:1	*40 Kgs per hectare. (guide only)
< 2:1	*60 Kgs per hectare. (guide only)

*\*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 example and slopes with not the ideal seed bed preparation increased application rates are recommended.*

**WARRANTY:** *EnviroStraw Pty Ltd warrants that its products are free from defects and will perform as stated in this literature. If our product does not meet products specifications, notice of failure must be received within 7 days of failure. EnviroStraw Pty Ltd will not warrant that the product will perform under unlimited circumstances that are caused by soil conditions, installation, and/or weather variables.*