

TDS: EnviroBond: Mulch Binder and soil stabilising polymer.

APPLICATION GUIDELINES

EnviroBond may be mixed with water in any proportion and in accordance with the soil structure, gradient and area of terrain to be treated. EnviroBond Green includes a stable green marker dye that will colour the soil surface for extended time periods.

The penetration depth and binding attributes of EnviroBond Green are dependent on the type and structure of soil, product application rate and the dilution factor employed.

EnviroBond may be applied by using any suitable ground based or aerial liquid application equipment. Application equipment should be flushed with clean water after use.

EnviroBond is non-toxic, biodegradable safe and simple to use. The Material Safety Data Sheet should be consulted prior to use.

The following application rates are a guide only.

Application	General Erosion Control (coarse structure)	General Erosion Control (medium structure)	General Erosion & Sediment Control (fine soil structure)	Dust Suppression From wind erosion. Hydro-seeding.	Hydro-Mulch Binder (Long Fibre)	Sand dune Stabilisation
Application Rate per hectare = (10,000m ²)						
2 – 3 months stability Kg/Ha	700 kg	700 kg	700 kg	700 kg	400 kg	1,000 kg
3 – 6 months stability Kg/Ha	850 kg	850 kg	850 kg	850 kg	500 kg	1,500 kg
6 – 12 months stability Kg/ha	1,000 kg	1,000 kg	1,000 kg	1,000 kg	600 kg	2,000 kg
Dilution & Comments: Apply a minimum 1 litre m ² of diluted EnviroBond to the soil surface.	Dilute 1:10 Broken/rock	Dilute 1:10 Sand/Gravel	Dilute 1:10 Clay Soil's.	Dilute 1:10	Add to the Hydromulch slurry.	*Mechanical stabilisation may be required

APPLICATION CONSIDERATIONS:

EnviroBond is diluted 1:10 in water prior to application. (The minimum recommended application rate for soil stabilisation is 700 kgs per hectare rate at 1 litre of diluted product per m² dependant on climatic conditions and soil type.)

For effective soil penetration and binding EnviroBond should be applied in dry weather conditions and to dry topsoil only, allowing sufficient time for the treated surface to dry and form a protective matrix.

EnviroBond Green may be used in conjunction with other water-soluble products such as fertilisers, Guar tackifiers, conditioners, soil activators and seeds etc.

Soil penetration of EnviroBond (especially in hydrophobic soils) will be improved by pre-treatment with a suitable wetting agent. The target soil penetration depth is a minimum 3-5mm, soil penetration can be improved by increasing the application rate from 1 litre m² to 2 litre m² of the diluted EnviroBond product.

In applications exposed to heavy (monsoonal) rainfall, an additional 250 kg rate of EnviroBond per hectare is recommended.

High strength *surface reinforcement* can be achieved by a second follow-up application of concentrated (1:5 dilution) EnviroBond.

Note: Excessive application may lead to retardation of seed germination.