



# GRT: Enviro-Binder Technical Data Sheet



## Stop Erosion at the Source!

**GRT: Enviro-Binder** is an environmentally friendly, tough and durable polymer based erosion control product designed to be sprayed on exposed slopes and areas at risk of erosion by rainfall and overland flow. It also reduces the risk of dust generation to almost zero. Higher concentrations can even be used to reduce the risk of open channel erosion. Common applications are:

- ➔ Cut or embankment batters
- ➔ Preload embankment protection
- ➔ Stockpiles and bunds

## Application Instructions

Application Type	Product Usage
Rainfall and Overland Flow	Dilute 10% product to 90% water and apply 1L of solution per m <sup>2</sup>
Open Channel Protection	Dilute 40% product to 60% water and apply 1L of solution per m <sup>2</sup>

## Handling & Storage

Handle in accordance with good industrial hygiene and safety practice (gloves and eye protection). After long storage, slight quantities of carbon monoxide may be formed. Avoid storing in direct sunlight. Protect from temperatures below: 5C and above 60C.

## Helpful and Handy Hints

- ➔ GRT: Enviro-Binder performs better when applied on dry surfaces rather than moist ground.
- ➔ Applying product in dry and warm conditions will quicken the drying process to minimise service interruptions
- ➔ Remember to flush out all hoses and pumps to prevent product build-up



## Quality Assured

GRT's quality management system is certified to ISO 9001 standards, and our products are approved and used by industry leading companies, worldwide.

## KEY BENEFITS

**Non-toxic and environmentally friendly** product to both terrestrial and aquatic flora and fauna (Livestock, fish, birds).

**Immediately effective** when dried and binds soil preventing impact and sheet erosion on any exposed soil area including flat surfaces, batters, and stockpiles – 99% successful in multiple testing results.

**Supports seed and vegetation propagation** - forms matrix bonds within the soil allowing growth to take place whilst maintaining its erosion and dust suppression properties for the long-term

**Cost effective results** allowing projects to reduce time and monetary costs associated with other mitigation measures

**Minimal maintenance** required unlike conventional methods.

**Safer installation** - sprayed directly onto the surface cutting out the need for staff to install any product or cumbersome material on battered surfaces

**Waterproof product** - not affected by rainfall or other weather events

**Ultimate product** to solve erosion and sediment issues in the most challenging and environmentally sensitive areas

New Zealand



To find out more:

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