



“Erosion Control Made Easy”

**MIX IT!
SPRAY IT!
EROSION... FIXED IT!**

GeoSpray is an environmentally friendly spray-on erosion control solution. It is applied using traditional Hydro Mulch machinery and is both extremely durable and cost effective.

The proprietary blend of minerals, interlocking fibres and specialty binders allows **GeoSpray** to be applied to extreme slopes, ranging from alluvial dispersive soils to hard rock walls. The specialty binders not only adhere **GeoSpray** to the substrate it's being applied to, it allows **GeoSpray** to be incorporated into that substrate below, forming a unique flexible cover. This cover has the ability to move with the ground below, eliminating the potential for the coating to crack and preventing runoff entering underneath.

GeoSpray is an effective and cost-efficient method of eliminating erosion caused by water, rain or wind. This product forms a durable, non-flammable crust, resulting in the substrate underneath remaining in place -- reducing the risk of contamination to nearby storm water drains and creeks. **GeoSpray** is an ideal product for stabilising roadside batters, swale drains, sedimentation control, ditch lining, dust control, cover for contaminated fill, land fill erosion, coal and mining applications. Depending on the project requirements, varying degrees of long-term erosion control can be achieved through simply increasing the amount of gauging material and decreasing the coverage area, resulting in a thicker application. Erosion control coatings can function in place for up to several years. Similarly, by decreasing the amount of gauging material and increasing cover area, short-term control (eg. dust control) can be applied easily and economically.

The images below are from a site at Mogill in Brisbane, Australia, suffering from erosion for several years. The substrate was a combination of soft sand and sand stone rock. **GeoSpray** was applied to the surface six weeks prior to Cyclone Oswald, which caused extensive damage to the area, including severe flooding to the Brisbane region. The area received in excess of 400mm of rain over a 24-hour period. **GeoSpray** held fast, eliminating soil erosion. The grassed areas above resulted in a significant level of water runoff flowing over the **GeoSpray**-stabilised area. **GeoSpray** did not crack, preventing any water penetrating under the coating. The performance of this product eliminated any form of erosion on areas to which it had been applied.



Pre-Cyclone Oswald: Sprayed Nov 2012

GeoSpray stands up to the force of nature.

- 400ml of rain in 24hrs
- Gale-force winds
- No cracking
- No movement

GeoSpray held fast, eliminating soil erosion.



Post-Cyclone Oswald: Jan 2013



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